PRIVACY INTERNATIONAL

Big Brother Incorporated

A Report on the International Trade in Surveillance Technology and its Links to the Arms Industry

London
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www.privacyinternational.org

Summary

This report presents a detailed analysis of the international trade in surveillance technology. Its' primary concern is the flow of sophisticated computer-based technology from developed countries to developing countries – and particularly to non-democratic regimes. It is in this environment where surveillance technologies become technologies of political control.

Surveillance technologies can be defined as technologies which can monitor, track and assess the movements, activities and communications of individuals. These include an array of visual recording devices, bugging equipment, computer information systems and identification systems. These innovations are used by military, police and intelligence authorities as technologies of repression.

The surveillance trade is almost indistinguishable from the arms trade. More than seventy per cent of companies manufacturing and exporting surveillance technology also export arms, chemical weapons, or military hardware. Surveillance is a crucial element for the maintenance of any non-democratic infrastructure, and is an important activity in the pursuit of intelligence and political control. Many countries in transition to democracy also rely heavily on surveillance to satisfy the demands of police and military. The technology described in this report makes possible mass surveillance of populations. In the past, regimes relied on targeted surveillance.

Big Brother Incorporated is the first investigation ever conducted into this trade. Privacy International intends to update the report from time to time as more information becomes available.

The report identifies the trade with such countries as Nigeria, China, Angola, Rwanda Zambia and Indonesia. More than 80 British companies are involved, making the UK the world leader in this field. Other countries, in order of significance, are the United States, France, Israel, the Netherlands and Germany.

It is derived from company information, trade fair data, annual reports and media reports. It lists the companies, their directors, products and exports. In each case, source material is meticulously cited. Addresses and contact numbers are as current as possible but in some cases these will be out of date.

Overview of the report

Numerous investigations and reports in the past decade have highlighted the extent to which the global arms trade nurtures and supports brutal and repressive regimes across the world. The industry and its participants have been put under the microscope by a number of parliamentary inquiries in Europe and North America. Without exception, these have uncovered a complex and profitable trade with few controls and with no ethical compass.

Big Brother Incorporated is concerned with a parallel activity involving many companies involved in the arms trade. The international trade in surveillance technology (sometimes known as the Repression Trade) involves the manufacture and export of technologies of political control. These technologies involve sophisticated computer-based technology which vastly increases the power of authorities.

Amongst the products involved are:

- telephone interception equipment
- bugging devices
- police and military information systems
- ID cards
- "System X" telephone systems
- communications logging systems
- micro-cameras
- parabolic microphones
- automatic transcription systems
- infra red scopes
- night vision equipment
- advanced CCTV equipment
- geographic information systems
- vehicle tracking technology
- automated fingerprint systems
- biometric technology
- cellular intercept systems

- computer intercept systems
- crowd analysis and monitoring technology
- data matching programs

Much of this technology is used to track the activities of dissidents, human rights activists, journalists, student leaders, minorities, trade union leaders, and political opponents. It is also useful for monitoring larger sectors of the population. With this technology, the financial transactions, communications activity and geographic movements of millions of people can be captured, analyzed and transmitted cheaply and efficiently. The emerging information and communications infrastructures of countries can be hijacked for limitless surveillance purposes.

In the absence of meaningful legal or constitutional protections, such technology is inimical to democratic reform. It can certainly prove fatal to anyone "of interest" to a regime.

Western surveillance technology is providing invaluable support to military and totalitarian authorities throughout the world. British computer firm ICL (International Computers Limited) provided the technological infrastructure to establish the South African automated Passbook system, upon which much of the functioning of the Apartheid regime depended. In the late 1970s Security Systems International supplied security technology to Idi Amin's brutal regime in Uganda.

In the 1980s, Israeli company Tadiram developed and exported the technology for the computerized death list used by the Guatemalan police. Meanwhile, companies such as PK Electronics routinely provide the Chinese authorities with bugging equipment and telephone tapping devices.

The extent of Western support for inhumane regimes is widespread. The notorious human rights abuses in Indonesia – particularly those affecting East Timor – would not be possible without the strategic and technological support of Western companies. Amongst those companies supplying the Indonesian police and military with surveillance and targeting technology are Morpho Systems (France), De la Rue Printak (UK), EEV Night Vision (UK), ICL (UK), Marconi Radar and Control Systems (UK), Pyser (UK), Siemens Plessey Defense Systems (UK) Rockwell International Corporation (USA) and SWS Security (USA). These and other corporations supply the intelligence gathering and identification systems necessary to pursue a program of ethnic cleansing.

This technology is exported to virtually all countries with appalling human rights records. Nigeria is supplied by such companies as Codalex (Canada) and Continental Microwave (UK). Companies supplying to Chinese authorities are numerous, but include Phillips (Netherlands) EEV Night Vision (UK), GEC Marconi (UK), GPT-Plessey Telecom (UK), Pilkington PE Ltd (UK) and Siemens Plessey (UK).

The Thailand Central Population Database and ID card system, developed by the US based Control Data Systems, involves sophisticated intelligence that has been used

for political purposes by the Thai military. This integrated system creates an ID card, electronic fingerprint and facial image, and electronic data link involving the entire population. It spans most government agencies and is controlled by the powerful military/police dominated Interior Ministry.

Databases in the Thai system include: Central Population Database, National Election System, Political Party Database, Political Member Database, Voter listing, Electronic Minority Group Registration System, Electronic Fingerprint Identification System, Electronic Face Identification System, Population and House Report System, National Tax Collection System, Village Information System, Secret Information System, Public Opinion System, Criminal Investigation System, National Security System, Social Security System, Passport Control System, Driver Control System, Gun Registration, Family Registration, Alien Control System and Immigration Control System.

Similar ID card and "smart" card systems have been marketed to more than two dozen developing countries. Without exception, they result in wholesale discrimination and hardship for vulnerable people. Such systems can adversely affect the delicate balance pursued by an emerging democracy. The adoption of Information Technology (IT) involves a change to the relationship between citizen and the State. The use of surveillance technologies vastly increases this change.

The justification advanced by the companies involved in this trade is identical to the justification advanced in the arms trade – i.e. that the technology is neutral. Privacy International's view is that in the absence of legal protections, the technology can never be neutral. Even those technologies intended for "benign" uses rapidly develop more sinister purposes. The UK manufactured "Scoot" traffic control cameras in Beijing's Tianamen Square were automatically employed as surveillance cameras during the student demonstrations. Images captured from the cameras was broadcast over Chinese television to ensure that the offending students were captured.

The emerging Information Superhighway also poses fundamental threats to developing countries (the Superhighway is a metaphor for the convergence of information and communications systems to form a national and international information web. The 1995 summit of the G7 (the seven richest industrial powers) linked arms with some of the most dominant corporations in the technology industry to form a consensus about how the Superhighway should be built. They agreed to a set of principles that would maximize growth, development and profit. Relatively little attention was paid to the negative impact of the Superhighway on developing countries and on the rights and privacy of citizens of all countries.

Martin Bangermann, Europe's Commissioner in charge of information technology, has remarked "We will not achieve the Information Society unless we give the free market a free rein". In the context of the trade in surveillance technologies to third world countries, this signals a "hands off" policy. An unregulated Superhighway is likely to maximize surveillance and increase the power of institutions in control of the technology.

It should be a source of grave concern that the world's telecommunications and

computer companies have been moving to force government to back away from regulating information technology. In 1994, under the leadership of US Center for Strategic and International Studies (CSIS), a consortium of the world's leading companies have formed the Global Information Infrastructure Commission (GIIC). Headed by the president of Mitsubishi, the chairman of EDS, and the vice chairman of Siemens Corporation, the GIIC intends to create a conglomerate of interests powerful enough to subsume government interest in regulation.

The effort is being funded to a large extent by the World Bank, which in early 1994 appears to have been persuaded by CSIS that unregulated economic investment was more important to developing economies than social and political reform. The corporate sector, argued CSIS, can deliver this economic reform along the Superhighway. And they can do it best if they, not the governments, take the lead.

The unregulated development and export of these technologies creates grave and unnecessary threats to developing countries. The trade requires scrutiny and regulation to help minimize the fatal impact that it can cause. Whether this impact is intended or unforseen, the surveillance industry has a responsibility to ensure that the export and development of its products conform to scrupulous ethical standards. Developed countries should ensure that the export industry is regulated. Technological assessment must be a pre-requisite.

This report is by no means comprehensive. It omits numerous government-led systems. For example, the notorious PROMIS surveillance software marketed throughout the world by the US Justice Department has led to widespread fears about the creation of an international tracking system for individuals "of interest". The US, French and British governments' moves to limit effective encryption systems is also of profound importance to developing countries, but is not dealt with in any detail here. These and many other issues will be explored in updates of Big Brother Incorporated We are hoping that interested people will contact us to provide further information on this trade. We also welcome "clarification" of the facts by the companies named in this report.

Privacy International wishes to acknowledge the invaluable advice and assistance of a number of people and organizations in the preparation of Big Brother Incorporated. Because of the sensitive nature of the report's contents, we have agreed that they should remain anonymous. However, the invaluable support of the Electronic Privacy Information Center (EPIC) in Washington DC is gratefully acknowledged.

The report was prepared on an entirely voluntary basis. It has not been financially supported by any individual or organization.

About Privacy International

Privacy International was formed in 1990 as a non-government, non-profit organization. It brings together privacy experts, human rights advocates and technology experts in more than 40 countries, and works toward the goal of promoting privacy issues worldwide. The organization acts as an impartial watchdog on surveillance activities by governments and corporations.

Privacy International publishes the International Privacy Bulletin, and holds two conferences each year, in addition to conducting a variety of campaigns and investigations. PI also maintains an electronic mailing list to distribute releases and announcements. To subscribe, send a message to pi-news@privacy.org with the subject "subscribe" (no quotes).

Privacy International Washington Office

666 Pennsylvania Avenue SE
Suite 301
Washington DC 20003
United States of America

1 (202) 544 9240(tel)
1 (202) 547 5482 (fax)
pi@privacy.org (Email)
http://www.privacy.org/pi/ (World Wide Web)

Introduction and Overview
Glossary of terms

DIRECTORY OF COMPANIES APPEARING IN THIS REPORT

CANADA

Codalex Ltd
PICS – Photo Ident Card Systems, Ltd
Tronex International Security Inc.

CHILE

FAMAE: Fabricaciones Militares

CHINA

Jing An (China) Equipment Import & Export Corp
Philips (China) Investments Service Company Ltd

DENMARK

ETI A/S
Spectronic Denmark

EGYPT

Giza Systems Engineering

FRANCE

Alcatel Alsthom
Alcatel Radio Space Defense
ALPA France
Compagnie Francaise d'Exportation (COFREXPORT) S.A.
Data Mast
DICAR SA
Export Trading Services SARL
I2E SA
Intertechnique SA
L'Authentique
Morpho Systemes
ProtexArms
Racal-Datacom
SFIM – Societe de Fabrication d'Instruments de Mesure
SOFMA (Societe Francaise de Materials D'Armement)

GERMANY

Aeromaritime Systembau GmbH

Dornier Security Systems GmbH
Rennhak Nachtsichtsysteme
SIM Security & Electronic System GmbH

GREECE

Econ Optics Mechanics
Intracom SA (Hellenic Telecommunications & Electronics)

INDIA

Bharat Electronics Ltd

ISRAEL

Elbit Computers Ltd
ELOP – Electro-Optics Industries Ltd
International Technologies (Lasers) Ltd
Personix Ltd
Rafael Armament Development Authority
Security World Ltd Security
Tadiran-Elisra

ITALY

A.T.E.T.
Officine Galileo

JORDAN

Jordan Technology Group

LUXEMBOURG

AlphaSafety SA

NETHERLANDS

Alphatron Observation and Communication B.V
BV Delft Electronische Producten (DEP)
Delft Instruments Electro-Optics BV
Reinaert Electronics PO

NORWAY

Simrad Optronics A/S

PORTUGAL

Montagrex-Optagrex (Soc Portuguesa de Importaco e Exp)

SAUDI ARABIA

International Information & Trading Services Co

SOUTH AFRICA

Barlows Electronics Ltd
Night Vision Optics

SPAIN

Defex SA

SWITZERLAND

Security Systems International

TAIWAN

Startek Engineering

UNITED KINGDOM

Action Information (Management)
AGEMA Infrared Systems Ltd
AI Cambridge Ltd (Security)
Amber Technology Ltd
AMPEX Great Britain Ltd
Audiotel International Ltd
AVIMO Ltd
Barr and Stroud Ltd
British Aerospace (Precision Products group)
Cardkey Systems Ltd
Civil Defence Supply
Commercial Defence International Ltd
Communications Devices Ltd
Computing Devices Eastbourne Ltd
Conjay Firearms & Ammunition Ltd
Continental Microwave Ltd
Cossor Electronics Ltd
Crisis International (Special Operations Group)
D Sig (Defence Security Intelligence Group)
Davin Optical Ltd
De La Rue Printak
Dennard Ltd
EEV Night Vision Systems Ltd
Fernau Avionics Ltd
Ferranti Computer Systems Ltd
Ferranti Defence Systems
Gallant Ordnance
GEC Marconi Command & Control Systems Ltd
GEC Sensors Ltd,
GPT Ltd (GEC Plessey Telecom)
Hagen Arrow
Hagen Electronics Ltd

Hall & Watts Ltd
Hawker Siddeley Dynamics & Engineering Ltd
Hawkeye Systems Ltd
Imagebase Technology Ltd
Insight Vision Systems Ltd
Intergraph (UK) Ltd
International Computers Ltd (ICL)
IO Research Ltd
J & S Franklin Ltd
Keymed (Medical & Industrial Equipment) KMI
Leica UK Ltd Lynwood Scientific Developments Ltd
Marconi Radar & Control Systems (Information Systems)
Marconi Radar Ltd
Miracles of Science
Miriad International Systems Ltd
Nanoquest Defence Products Ltd
Pathfinder Lighting Products Ltd
Pearpoint Ltd
Pilkington Optronics Ltd
Pilkington PE Ltd
PK Electronic International Ltd
Pyser – SGI Ltd (Security Products)
Racal Electronics plc – Group Headquarters
Racal Radio Ltd
Racal Recorders Ltd
Radamec Defence Systems Ltd
Remsdaq Ltd
Rimfire International Ltd
S & D Security Equipment Ltd (SDSE)
SD-Scicon UK Ltd
Security and Defence Marketing Services Ltd (SDMS)
Security Systems International
Siemens Plessey Controls Ltd (Traffic Division)
Siemens Plessey Defence Systems Ltd
Solarray Identifiaction Systems (SIS) Ltd
Surveillance Technology Group
Surveillance Technology International (STI)
The Communications Company
Thorn EMI Electronics Ltd – Electro Optics Div
Trend Telecommunications Ltd
TV2 Ltd
Videomech
Walmore Defence Components
Winkelmann Security Systems Ltd

UNITED STATES

AES Corporation

Audio Intelligence Devices,
B.E Meyers & Co Inc
CCS Communication Control Systems
Control Data Corporation
Covert Operations International Ltd
Criminal Research Products Inc
Dektor Counter-Intelligence & Security Inc
E-Systems Inc
Ibit systems
Eyedentify Inc
Hughes – Tactical Land Systems Div,
II Morrow Inc
International Commercial Services (AFM USA inc)
Law Enforcement Associates Inc
Litton Electron Devices Division
Motorola Inc
NAMSI (North American Morpho Systems Inc)
Optic-Electronic Corporation
Questar Corp Rte
RACOM Products Inc
Rockwell International Corporation
Sherwood International Export Corp
Sirchie Fingerprint Labs Inc
Stano Components
Star-Tron Technology Corporation
Sti-Co Industries, Inc
Surveillance Technology Group (USA)
SWS Security
Technipol International Corp
Texas Instruments

Codalex Ltd

5780 Decelles Avenue
Montreal Quebec H3S 2C7
Canada

Tel: 514 731 3251 Tlx: Fax: 514 738 1970

Source Ref: Canadian Security Products & Services, August 93 (Copex 94)

Export/Imports:

Canadian Security Products 8/93: Export Markets: Codalex systems and accessories are in use by the military forces of the following countries: Argentina, Australia, Canada, Cyprus, Nigeria, Saudi Arabia, Spain, USA, Zambia and several other countries that have received equipment through the US Foreign Military Sales (FMS) program.

Additional Information:

Canadian Security Products 8/93: Codalex Ltd is a Canadian owned corporation incorporated in October 1975. Codalex designs and manufactures military multiplex systems and accessories. Codalex's principal customer is the US Department of Defence with major systems and accessories being supplied to the US Marine Corps and US navy. In addition to work for the US DoD, has designed and manufactures communications and control systems for the Saudi Arabian Air Defense Systems under contract to Litton Data Command Systems (US) and Thomson CSF (France).

Gross Sales $4M, Export Sales $3.8M, Ratio Commercial/Defence 1:99. date of profile 14 Feb 1992.

PICS – Photo Ident Card Systems, Ltd

5317 Lane Street
Burnaby BC V5H 2H4
Canada

Tel: 604 434 1321 Tlx: Fax: 604 434 1821

Source Ref: Copex Miami 93 cat

Exhibition: Copex Miami 93

Export/Imports:

Copex Miami 93 – Extensive experience of exporting to Caribbean & Latin America – army and government.

Additional Information:

Copex Miami 93 – Integrator of identification and access control card technology. PICS custom manufacture plastic ID cards, vinyl membership cards, tracking cards and access control cards.

PICS has extensive experience in developing and manufacturing cards for export to Caribbean and Latin American countries including army, government and drivers licence programs.

PICS also provides a consulting service to the security ID marketplace

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Tronex International Security Inc.

2387 Eglinton Ave. E, Suite 1
Scarborough Ontario M1K 2M5
Canada

Tel: 416 288 1322 Tlx: Fax: 416 288 1325

Source Ref: Copex Miami 93 Cat

Exhibition: Copex Miami 93

Export/Imports:

Copex Miami 93 – Exports products & services to Latin America through a network of agents in 16 countries.

Additional Information:

Copex Miami 93 – Tronex Int Security (1990) specialises in offering various products & services to the Latin American Region. Exclusive marketing rights are held for numerous products of North American & European origin. These products are offered through an established network of agents n 16 countries, catering to Governments, Armed Forces, Law Enforcement, Multinationals etc. Specialised products/services include: Body Armour, Electronic Surveillance & Counter surveillance equipment, Detection equipment (metal, narcotics, etc), Tactical training etc.

FAMAE: Fabricaciones Militares

Av Pedro Montt 1568/1606, PO Box 4100
Santiago
Chile

Tel: (562) 5569131 Tlx: 242346 FAMAE CL Fax: (562) 5550944

Subsids: (92) Arcomet, Metalsam, FAMAC, Metalmec, FAMET, Gdn 4/1/92 – See also IVI Finance & management

Directors: (92) Brig General Hector Letelier (Removed in 1992)

Source Ref: COIN 90, Co Info 1/92, Guardian 4/1/92, MILIPOL 91 Catalog, Co

Info 11/91, Milipol Moscow 92, Co Info 92 (ITB) Exhibition: MILIPOL 91, Milipol Moscow 92

Export/Imports:

MILIPOL 91 – Exhibited via ITB – Comercio Internacional LDA – Portugal based company.

See also MOWAG (Switzerland) and THYSSEN HENSCHEL (Germany) – MOWAG

Produce the PIRANHA Internal Security (I.S) Vehicle & Thyssen have production licence from MOWAG & have exported to Chile.

GDN 4/1/92 – Exports of 11 Tonne of Arms, ammunition including Swiss SIG rifles & Blowpipe Ground-Air Missiles via Panama (Luxembourg) Company (IVI Finance & Management) to Croatia.

Jing An (China) Equipment Import & Export Corp

25 Xi Tang Zi Lane, Nth Wang Fu Jing St
Beijing 100006
China

Tel: 551560 Tlx: 210020 CJIMC CN Fax: 861 5121365

U. Hold Co: (92) Ministry:Foreign Economic Relations Turnover: Zhyiang Factory 1m Yuan profit

Source Ref: MILIPOL 85, China Secure 92 cat, Securitex Thailand 93 cat

Exhibition: MILIPOL 85, China Secure 92, Securitex Thailand 93

Export/Imports:

Imports & exports to China – sought market via Milipol 85 for thumbcuffs (and other equipment).

Attended as visitors to Milipol 91 in Paris.

China Secure 92 – Chinese import / export company for wide range of riot and security products, including electric shock weapons, tear gas, handcuffs & thumbcuffs & leg cuffs.

Additional Information:

MIL 85 – Weapons for police use, detectors, communication equipment, traffic control systems, personal safety equipment – Thumb Cuffs & Electric Shock batons. Sought markets for equipment via Milpol 85. See David Hoffman for Photograph.

China Secure 92 (Co-organisers) wide range of products for export.Anti-riot shields, helmets, steel wire police club, night viewers, tear gas launching shock baton, MD JA-90-A light & stun gun, MD888 multi functional stun gun, MD 868 Defender, dagger pistol, letter & walkthrough bomb detectors, pistols, carbines, machine pistols and rifles. DMH Security Baton (with torch) 50KV.

electric batons 100,000 v

Securitex Thailand 93 – CCTV Equipment, Personal Security Equipment, Surveillance Systems

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Philips (China) Investments Service Company Ltd

Beijing Office, 22 Jianguomenwai
Beijing 100004
China

Tel: 5128883 Tlx: 22850 PHILI CN Fax: 5127351

U. Hold Co: (92) Philips (Netherlands) Holding Co: (92) Philips Hong Kong Ltd

Source Ref: China Secure 92, Co Info Sheets 92

Exhibition: China Secure 92

Export/Imports:

China Secure 92 – Importing Philips equipment from Hong Kong, (Netherlands ?).

Additional Information:

China Secure 92 – Video Surveillance equipment, CLS 8000 Communications Logging system – can monitor up to 64 channels on one 1/2 inch tape – (this is listed in COIN 90 as being produced by Philips Netherlands).

ETI A/S

Bouet Moellevej 3–5, PO Box 132
9400 Nr. Sundby
Denmark

Tel: +45 98 19 20 33 Tlx: Fax: +45 98 19 19 14

Source Ref: Copex Catalog 93, Co Info 11/93, Milipol 93

Exhibition: Copex 93, Milipol 93

Export/Imports:

Co Info 11/93: ETI Incorporated (USA)

Additional Information:

Copex 93: Founded in 1985 and located in the northern part of Denmark, specialise in fax and data communication equipment. Produces and developing sophisticated fax and data monitoring equipment. Always customised to fit the customers need.

Co Info 11/93: ETI Faxlog Line Analyzer – the unique tool for the analysis of fax communications and protocols. ETI Fax encryptor.

Milipol 93: Specialises in data and fax communications. Resulted in successful development of outstanding products for interception, monitoring, error detecting and analyzing fax and data transmissions.

Working with customers having highly specialized and sophisticated requirements, ETI develops advanced multi-line monitoring systems.

Spectronic Denmark

Skindbjergvej 44, DK-8500
Grenaa
Denmark

Tel: 45 86 38 72 22 Tlx: 60 320 Fax: 45 86 38 77 04

Subsids: (93) Spectronic (USA)

Directors: Peter Kristiansen, Claus Aabo – Sale

Source Ref: COPEX 90 Catalog, MILIPOL 91, Copex 91 Catlog, Co Info 20/5/92,

Copex Miami 93 Catalog, Securitech Catalog 93, Copex 93 Catalog, Milipol 93 Catalog, Copex 94 Catalog Exhibition: Copex 90, Copex 91, MILIPOL 91, Copex 92 Catalog, Copex Miami 93, Copex 93, Milipol 93, Copex 94

Export/Imports:

Copex Miami 93 – US Distributor in Florida.

Additional Information:

Copex 94: Spectronic products and customer designed control systems, of electronic surveillance and countersurveillance have been supplied to friendly governments throughout the world. At Copex 94 Spectronic will be displaying equipment covering the following areas: Fax Monitoring, Room Monitoring, Telephone, Modem and Cellular Monitoring, Radio Bug Detection, Frequency Hopping Wireless Micro Transmitter, Jamming.

Milipol 93: Telefax monitoring program, Jamming systems, fax recorder control systems, radio bug detection system, room monitoring systems. Since 1983, Spectronic have been developing and producing advanced equipment for electronic information gathering, surveillance and counter-surveillance.

Copex Miami 93 – Fax monitoring, Room Monitoring, Radio Bug detection, Jamming, Videolink.

Securitech 93 – Jamming systems – sweep jammers, broadband jammers, manpack systems, mobile systems. Fax recorder control systems. Telefax monitoring program, Radio bug detection system, Room monitoring systems:- advanced wired microphone systems for – Passive lines, Active telephone lines, Active 220V main. Since 1983, Spectronic Denmark have been developing and producing advanced equipment for electronic information gathering, surveillance and counter surveillance.

Copex 93: Since 1983, Spectronic have been developing and producing advanced equipment for electronic information gathering, surveillance and counter-surveillance.

Supplied to friendly Governments throughout the world. Fax monitoring, Room Monitoring, Radio Bug Detection, Jamming.

COPEX 90 – Electronic surveillance & counter surveillance equipment – in conjunction with customer designed control systems, DEX 017 System – Counter surveillance systems, SP900 Microwave videolink.

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Giza Systems Engineering

PO Box 1913, 2 El-Mesaha Square
Dokki, Giza, Cairo
Egypt

Tel: 20 2 3490140 Tlx: 92096 eh un Fax: 20 2 3499253

Holding Co: (94) Alkan / Nossier Group (Egypt)

Directors: (94) Mohammed Nosseir (Chr), Akil Beshir, Sadeh Abaza

Source Ref: Kompass Egypt 94

Export/Imports:

KOmpass Egypt 94: Exclusive distributor for: Digital Equipment Co (USA) Computers, Louis New mark (UK) Security systems.

Additional Information:

Kompass Egypt 94: Listed as importer and distributor of the following equipment: Counter surveillance equipment (40.97.15), Surveillance equipment (40.97.16), Security control centres, Security systems, computerized, Telephone Wire Tapping (40.97.20), Transmitters, Miniature (40.97.21), Intruder detecting and plotting equipment (40.97.22), Security systems, microwave (40.97.23), Surveillance equipment, motion picture recording type (40.97.24), Surveillance systems, electronic (40.97.25)

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Alcatel Alsthom

54 Rue La Boetie
75008 Paris
France

Tel: 33 (1) 40761010 Tlx: Fax: 33 (1) 40761413

Holding Co: (94) Alcatel Alsthom Group, (92) Alcatel Alsthom Group Subsids: (94) Space & Defense Group, Alcatel Systems de Defense, Alcatel Alsthom Recherche, Alcatel Bell, Alcatel Business Systems, Alcatel Cable, Alcatel CIT, Espace, ISR, Italia, Mobile Communication France, Qualcomm, SEL, Telecom Norway, Telspace, TITN Answare, Cegelec (Cegelec CGA, Cegelec Soprano)

Turnover: 23.1 B ecu

Source Ref: Eurosatory 92 Catalog, Eurosatory 94 Catalog, Co Info 6/94, IDEX

95 Catalog Exhibition: EUROSATORY 92, Eurosatory 94, IDEX 95

Export/Imports:

Co Info 6/94: Alcatel SEL is the sole supplier of VHF radio and radar land-surveillance equipment in Germany.

Additional Information:

Euro 92: Infrastructure networks, C3I systems, space systems, tactical networks, security systems.

Co Info 6/94: With global sales of ECU 23.7 billion and 200,000 employees worldwide, Alcatel Alsthom is one of the world's 40 largest industrial companies. Alcatel Alsthom: Defense & Security Activities: Total group sales ECU 1.2 billion.

Communications systems: provides systems, equipment and services for military infrastructure networks.

C3I systems: Based on skills acquired with STRIDA, the French surveillance and air

defense data processing system., the group is developing C3I systems for air defense, troop management, intelligence, frontier surveillance, and various other applications. Its intelligence products handle data acquisition and processing in command centres. The group has also developed numerous systems for preparing and conducting missions. One of the most widely known is the SAFARI systems, used by the United Nations (UN) in Somalia.

C3I systems: Alcatel provides a full range of C3I systems dedicated to Army, navy and Air Force as well as Police and Civil Security, Border Surveillance or any other Command & Control driven body. Systems feature a complete set of integrated command and control supporting functions ranging from data collection and fusion, situation assessment, force and resources management, planning and tasking and operation control. C3I systems are displayed to illustrate four levels command chain: strategic operational tactical combat & execution

Strategic level: JCOC (Joint Command Operation Centre) SICOIA, intelligence processing and photo-interpretation system (DEIMOS), satellite situation display (MUSCAT), forces/resources management system (SGFM), multi-media integrated management platform (BDS).

Operational level: Theatre JCOC – a deployable C2IS providing support to commanders in charge of theatre operations. TJCOC is equipped with command, control information system (SAFARI) comprising two workstations: whole theatre data fusion situation assessment support tool taking account of friend as well as foe forces.

Tactical level: A deployable Interoperable Air Command and control modular system (DIAMS) for air-land battle operation supports the tactical level. The system includes:

an intelligence processing and photo-interpretation module (DEIMOS), a multi-sensor intelligence fusion system (AXIS), a planning and tasking module (PEGASUS) forces and resources management module (SGFM) a tactical situation display (VISU tactique)

Combat/execution level: Illustrated by a segment dedicated to image acquisition and first level processing into a SAFARI dedicated system. The resulting intelligence data (IMINT) are transmitted to the tactical level and the operational level where they are fused and integrated into a SAFARI component.

Surveillance Systems: Based on the Border Master 2000 on area surveillance system performing intelligence data acquisition from multipurpose battlefield radar RATAC-S and providing decision support tools.

IDEX 95: Communication systems – tactical command and control infrastructure

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Alcatel Radio Space Defense

5, Rue Noel
Pons 92000 Nanterre la Defense
France

Tel: 33+1 46 52 3000 Tlx: 615000 F Fax: 33+1 46 52 3696

Source Ref: Milipol 91, Co Info 11/91

Exhibition: Milipol 91

Export/Imports:

(91) Systems completed in over 80 countries worldwide.

Additional Information:

Milipol 91 – Complete C3I solutions – SICOSC – Civilian Security System, SCOPP, the C3I system for Police Forces.

ALPA France

28 Avenue Henri Guillaumet
31500 Toulouse
France

Tel: 61 48 44 10 Tlx: Fax: 61 48 24 73

Source Ref: MILIPOL 91 Catalog

Exhibition: MILIPOL 91

Export/Imports:

Milipol 91 – @OTHER (Telephone Monitoring) Systems sold worldwide

Additional Information:

Milipol 91: “French leader” in telephone monitoring, created 11 years ago. AMETHYSTE – portable telephone recording & information processing sets used by the French police army forces. Also remote control systems

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Compagnie Francaise d’Exportation (COFREXPORT) S.A.

14 bis, rue Daru
75008 Paris
France

Tel: (1) 47.66.90.65 Tlx: 643 252 F Fax: (1) 43.80.25.46

Source Ref: Milipol 91, Milipol 93 Catalog, INDEPO 94 catalog + advert, Copex 94, Co Info 2/95, IDEX 95 Catalog Exhibition: MILIPOL 91, Milipol 93, INDEPO 94, Copex 94, IDEX 95

Export/Imports:

Milipol 91: Distributor for EGIS & Sentor produced by Thermedetec Inc (USA), Alcatel Communications Systems

Additional Information:

IDEX 95: Engineering, manufacturing and commercialisation of electronic surveillance and security devices for police, army etc.

Co info 2/95: Engineering, manufacturing and commercialization of surveillance and safety devices for Police, Army and authorities.

Distributor for detection systems: EGIS explosive detection system, SENTOR drug detection system.

Telephone auto-start COF-030, connected to a telephone makes it possible to trigger the operation of a tape recorder or micro-transmitter in order to record the contents of a telephone conversation.

Voice Timer COF 040, voice activated trigger; transmitter microphones COF 112, 118, COF 110, 113, 150, 111.

Miniaturized telephone listening-in system COF 117; Fax interceptor COF 230; multiple/single line fax interceptor COF 231, Multiple Lines Fax interceptor COF 231/M.

Ciphered telephone sets COF 270, encoding and decoding modules for transmitting and receiving COF 274, Encoded Audio Transmitter/Receiver with remote control COF 310/2, COF 320/R, COF 230/E, COF 310/R.

Miniaturized micro transmitters COF 310, 311; transmitter belt COF 348,

Video micro camera COF 357; TV transmitter 430–550 MHz COF 363; Camera Box with integrated video transmitter COF 368; video mini camera COF 370, Video Camera Module COF 371; Portable HF video set COF 383; TV transmitter 950MHz – 2.5 GHz COF 393E; Video transmitters and demodulator set COF 393 E, COF 393 R, Receiver antenna; HF Microphone detector COF 410; HF transmissions detector COF 411; detector for active and passive microphones COF 430; Detector/Jammer for carrier current micro-tranmitters COF 435; detection attache case COF 480.

Parabolic microphone – this very light carbon fibre system is especially designed for picking up sound from a distance COF 505,

EMC/EMI Receivers COF 510, COF 511, COF 512.

Telephone line recorder with voice synthesizer COF 555. Directly connected to the telephone line, this device can record all conversations from the line and all dialled pulsed and DTMF phone numbers. Digital Telephone recorder COF 590.

Infra-red video for vehicles screening COF 560,

Night monitoring system with camera COF 600, Recording scanner receiver COF 620, Radio relay unit COF 634.

Small recording case COF 640. Attache case for extra-discreet recording of conversations in ambient surroundings. When connected in parallel with a telephone line, it records calls. Even when open, the attache case remains perfectly anonymous. Wire listening-in device COF 643. This equipment is designed to provide efficient assistance by acoustic monitoring of locations. It serves to listen- to noises and conversations throughout the audible AF spectrum, either in mono or stereo. Multi-wire listening-in device COF 653.

Video surveillance attache case COF 666. Intended for on-off operations, this fully self-contained case provides discreet automatic surveillance of a given area, by making a sound and picture recording on a 8mm video cassette.

HF video monitoring unit COF 740.

Multi-function surveillance lamp COF 748. This standard lamp enables discreet remote surveillance and transmission of pictures and sounds of all movements inside a camera shooting angle. An entire audio and video transmission set s hidden inside the standard lamp.

Jamming transmitter COF 800. This complex signal transmitter is designed to jam radio transmissions, even coded transmissions, or to saturate nearby receivers. Protection emitter COF 815 designed to jam radio waves to ensure convoy protection from bombs or other explosive charges by rendering their ignition by a radio-controlled system impossible.

Perimeter surveillance system COF 825.

Tracking system COF 888. Installed in a vehicle, this system makes it possible to

follow, from a distance, another vehicle under which a transmitting beacon has been installed. Rane 800m in the city to 7–8Km under ideal propagating conditions.

Infra-red audio transmitting/receiver set. COF 1908.

INDEPO 94: Tracking system with optional Travelpilot COF 888.

Copex 94: Designing, manufacturing and marketing high performance electronic surveillance and security devices for Police, Army and Public Authorities throughout the world for over more than 15 years. On display at Copex:-audio and video surveillance, fax interception, detection, jamming, tracking, tempest applications.

Radio electric tracking systems fitted on all kinds of mobile supports.

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Data Mast

ZAC du Moulin – Rue de l'Arpajonnais
91160 Saulx-les-Chartreux
France

Tel: 1 69 09 16 67 Tlx: 603 881 Fax: 1 69 09 09 48

Source Ref: Securitech Europe 91, Milipol 91, Milipol 93 Catalog
Exhibition: MILIPOL 91, Milipol 93

Export/Imports:

Milipol 91: Distributers for SCHLUMBERGER, OUTOKUMPU (Finland), Sector 6, Blindart, C.S.D. (UK), Wallop-Maxon-Italdis, PW Allen (UK)

Additional Information:

Securitech Europe 91: Video Surveillance Systems, Magnetic & Infra Red Detectors, Structural Armour

Milipol 91: Rents security equipment – Detector gates, Controlix, Acess Monitors, TW, Provides staff qualified, trains staff in methods & specific products & regulations, Mine clearance equipment – Mk4 Bomb Disposal Outfit (Wallop ?), Surveillance ? Counter Surveillance – Listening devices, micro devices, video & wireless devices, anti-terrorist systems, night vision, weapon detection equipment, Access Control & monitoring systems, radio communications.

Milipol 93: Is a French company with experience in two main fields of avtivity for over 21 years:

Protective equipments (Police, Defence, Special Services) ; persons and goods security.

Mine Clearance and Bomb Disposal equipment, Surveillance / Counter surveillance, High Security Identification, Explosive and metal detectors,

Peripheral Protection – by moving or stationary marker systems, by underground

systems, by suspended systems.

Video Surveillance: CCD video cameras, B&W or colour, Matrix, Uniplex, Quads, Switchers, American Dynamics, lenses, video pictures by modem, night vision. Radio communications.

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DICAR SA

4, rue dus Repos
75020 Paris
France

Tel: (1) 43 70 62 96 Tlx: Fax:

Source Ref: Milipol 93 Catalog

Exhibition: Milipol 93

Export/Imports:

Milipol 93: French distributor for Comverse Technology Inc (CTI)

Additional Information:

Milipol 93: DICAR SA is the distributor in France for CTI

AUDIODISK systems, developed by CTIs Government Systems Division, are designed to provide a complete environment for telecommunications monitoring and processing activities.

Two individual orders in excess of US $20 million and $14 million – the largest orders for products of this kind ever – have been granted to CTI in 1992.

The AUDIODISK systems are also used by commercial and financial organisations, including logging of financial transactions and automated transcription systems for parliaments and similar users.

TRILOGUE, developed by CTI Commercial Systems Division, primarily for message management and information distribution.

CTI markets its products worldwide directly and through leading international distributors in telecommunications. The TRILOGUE message management system has been selected by AT&T for distribution in more than 60 countries.

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Export Trading Services SARL

12 Rue des Epinettes
75017 Paris
France

Tel: (1) 42.29.08.00 Tlx: 290 523 ETSPAR Fax: (1) 42.29.98.34

Directors: ((5) Bernard Cayron, JL Vignaud, P Motreff, C. Hugon

Source Ref: MILIPOL 91, Milipol 93 Catalog, Law Enforcement Industry Digest v4, n2, (94), p7, FRIE (French Import Export Db) 1/95 Exhibition: MILIPOL 91, Milipol 93

Additional Information:

FRIE 1/95: Agents specialising in the sale of particular products or ranges of products n.e.c (5118) Total sales FF 7–10 million.

Milipol 91 & 93: Individual and collective armament (+ spares), Special ammunitions, Electronic Grenades, NBC assault respirators, Ballistic helmets, shields, jackers, Miniaturized Audio Video, EOD / IEDD, explosives, Sophisticated gear and specialised webbing, Targetry, Intelligence electronics, radio, monitoring, Discrete systems, countermeasures, Special fast entry equipment, training.

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I2E SA

12, Rue Charles de Gaulle
78350 Jouy-en-Josas
France

Tel: (1) 39.56.1999 Tlx: Fax: (1)39.56.52.37

Turnover: 90 63M Fr

Source Ref: MILIPOL 91, Co Info 11/91, Milipol 93 Catalog

Exhibition: MILIPOL 91, Milipol 93

Export/Imports:

Co Info 11/91: Equipment used by CNES, THOMSON, AEG, Dassault Aviation & for export.

Additional Information:

Milipol 91: Military & Electronic Warfare equipment design and manufacture. RTH 10, TDM 5 – Demodulation of time division multiplexed channels. DIANE – Computer detection by Digital acquisition of transmission signals OSCAR – Automated Radio detection finder systems – monitoring & sorting unit Interception & measurement of HF spectrum occupation TAITI – Technical Analysis & Identification of intercepted signals UNIR – HF or V/UHF Search Unit SAIGON – Automatic Interception & Direction Finding System – VHF/UHF signals DRAGON – Direction Finding & Analysis Search System

Milipol 93: Five departments working in collaboration: Telecom – Activities: COMINT electronic warfare systems, ELINT data acquisition systems, Technical analysis, Satellite interception, Transmission- Decoding-Demodulation.

Systemes – Data acquisition systems, Control and Monitoring systems, on-board computer-simulators, Numerical buses, Maintenance tools.

ENTEC: Nuclear and Chemical physics engineering, Mechanical engineering, Signal Conditioning & processing, Boards Design.

Production: manufacturing & integration.

Exports: International sales of I2E products.

Equipments exhibited at Milipol 93: TAITI, DAMOCLES, DURANDAL

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Intertechnique SA

61, rue Pierre Curie
78370 Plaisir
France

Tel: 30.54.82.00 Tlx: 696 242 Fax: 30.55.71.61

Source Ref: Milipol 91 Catalog, JDW 10/9/94,

Exhibition: MILIPOL 91, Farnborough 94

Export/Imports:

Milipol 91: ATAL Wescam System selected in 21 countries

Additional Information:

Milipol 91: The ATAL Wescam system covers in real time three main areas:- Global surveillance – land / maritime borders etc, specific surveillance – VIPs travel, demonstrations, mass meeting control and otehr police missions, civilian security. The Global requirement has lead to system spirit – required for rational solutions to surveillance network problems.

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L'Authentique

173, rue du Faubourg Saint-Antoine
F-75011 Paris
France

Tel: 33(1)44 67 7070 Tlx: Fax: 33(1)44 67 7077

Source Ref: MILIPOL 91, Milipol Paris 11/93 Cat

Exhibition: MILIPOL 91, 93

Export/Imports:

Milipol 91 – Also presenting were Geolink, OIP, PGM – Distributors for LEI (Lae Enforcement International, Litton, Startron, CAL.

Additional Information:

Milipol 91 – Distributed products include:

All Caliber sound suppressors, Waterproof night vision equipment, Trident Tactical Targets, all Guns, lights & laser sights, submachine guns, night/day surveillance airborne, Communications & Surveillance systems, Police Batons, Forcible Entry Tools, All types of equipment for special units, SWAT Teams, Security services, Body Guards etc.

Milipol 93 – For the 3rd time at the Milipol exhibition, L'Authentique will show you this year new products and services that will once again create the Event. Great customers like: Interior Ministry, Defense Ministry, Environment Ministry, Foreign Affairs Ministry, Justice Ministry in France and other Countries put trust in us.

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Morpho Systemes

33 Route de la Bonne Dame
77300 Fontainbleu
France

Tel: 33 (1) 64696000 Tlx: 693 056 Fax: 33 (1) 64220304

Subsids: NAMSI (North American Morpho Systems Inc)

Source Ref: Co Info 91, MILIPOL 91, Co Info 11/91, Echos 12/3/92, p10, Milipol Moscow 4/92 Catalog, Milipol 93 Catalog

Exhibition: MILIPOL 91, Milipol Moscow 92, Milipol 93

Export/Imports:

Milipol 93: The first MORPHO system was sold to the French Ministry of Interior. In Europe, Austria, Germany, England & Wales, Scotland and the Basque country province in Spain are using Morpho AFIS. In the Middle East and Asia, Morpho has already installed systems in Kuwait, United Arab Emirates, Hong Kong, and Indonesia.

Echoes 12/3/92: DM 60 million contract to supply the German Ministry of Interior with an Automatic Fingerprint Recognition system.

Co Info 91 – Morpho AFR systems used in France (National Police) 1985, Indonesia (National Police) 1989, Hong Kong (Royal Police) 1989, Austria (National Police) 1989, Spain (Basque Province) 1990, USA (various states) 1986–90, other agencies – ministry for foreign affairs (OFPRA) France, Scottish Criminal Record Office, Hertfordshire Constabulary.

Additional Information:

Milipol 93: Morpho Systemes main goal is to develop and produce Automated Fingerprint Identification Systems (AFIS), also referred to as Automatic Fingerprint Recognition (AFR). These systems are used for the management of civil information concerning individuals and for law enforcement and public safety applications. Sagem also has a subsidiary in Tacoma, North American MORPHO Systems, Inc

(NAMSI), meeting the marketing demands in USA & Canada.

Exhibited at Milipol Moscow 11/92

Echoes 12/3/92: Automatic fingerprint recognition equipment supplied to German "Land regions" over the next five years.

Fingerprint ID Kits (PN 3999991)

Co Info 11/91 – Owned by French State owned financial state institution that manages all the funds of the savings institutions in France.

Produce Fingerprint recognition systems – AFR (Automatic Fingerprint recognition systems) & AFIS (Automated Fingerprint Identification system) – System exported to Indonesian Police.

ProtexArms

26, rue de Chateaudun
75009 Paris
France

Tel: (1)45.26.08.34 Tlx: 290 688 FETTRAD Fax: 42.80.14.38

Subsids: (91) Protexarms (Italy

Directors: (93) Andres Brignone (MD), (91) M. ANDRES BRIGNONE (MD)

Source Ref: Milipol 91 Catalog, Milipol 93 Catalog, p232

Exhibition: Milipol 91, Milipol 93

Export/Imports:

Milipol 91 – Branch in Italy

Additional Information:

Milipol 93: Same as Milipol 91.

Milipol 91 – Manufacturer & distributor of: Counter measures & protection equipment against illegal listening, Surveillance equipment, Communication Protection, Cryptographic devices, Security software, Opto Electronic devices, Training – Computer Security, Electronic Surveillance & Counter-Measures – Specific to Police & Defence, Electronic warfare.

Catalogue (70's) – range of electronic counter-measure equipment and surveillance devices.

Racal-Datacom

18, rue Jules Saulnier
93206 Saint Denis Cedex
France

Tel: 49 33 58 00 Tlx: Fax: 49 33 58 33

Source Ref: IPEC 2/93, Milipol 93 Catalog, p234

Exhibition: Milipol 93

Export/Imports:

IPEC 2/93 – Belgian State Police will be linked to their headquarters' computer facilities through a 400,000 wide area communications network from Racal Datacom.

Additional Information:

Milipol 93: Secure communications systems.

IPEC 2/93 – Belgian State Police communications network – some 100 locations will be connected to the nationwide system which will incorporate extensive back-up capabilities.

SFIM – Societe de Fabrication d'Instruments de Mesure

13, Avenue Ramolfo Garnier
F91344 Massy Cedex
France

Tel: 33 (1) 69208890 Tlx: SFIM 602 164F Fax: 33 (1) 69202813

Holding Co: (94) SFIM Industries comprises: Sopelem, Sofretec, REOSC, ATNE,

STAREC, SFIM Inc Subsids: (93) SFIM Traffic Transport, (92) Acquired 100% share in SOPELEM from Alvis (UK), (91) SOPELEM (51%)

Turnover: (91) FF 2Bn

Source Ref: MILIPOL 91 Catalog, Defense News 16/8/92, p23, International Defence Directory 93, p503, Milipol 93 Catalog, p260, JDW 10/9/94, IDEX 95 Catalog
Exhibition: MILIPOL 91, Milipol 93, Farnborough 94, IDEX 95

Export/Imports:

Co Info 9/94: AFCS 166 automatic flight control system for the Advanced Light Helicopter (India).

IDD 93 – UK Rep – Sarum Systems

Additional Information:

IDEX 95: Exhibiting as part of national group (France).

Milipol 91 – One of the leaders in sighting systems for lightweight intervention vehicles. SOPELEM Night vision goggles and Episcopes for light armoured vehicles, Road Traffic control with radars & electronic controllers, MESTA 208 Radar, CERVA system useable from moving vehicle.

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SOFMA (Societe Francaise de Materials D'Armement)

17 Boulevard Malesherbes
75008 Paris
France

Tel: 33 1 42 65 9710 Tlx: 280 566 F Fax: 33 1 42 65 1006

Holding Co: (91) Private Company under State Control.

Sharehldgs: (91) Progiat (35%), Thomson SA (13%), Aerospatiale (9.6%), Cressot Loire Industrie (6.9%), Renault Vehicules Industriels (6.7%), SNPE (1%), Panhard et Levassor (6.7%), Luchaire (6.7%), Fives Cail Babcock (6.7%), Chantiers Navals (1.7%), Equipmentiers (6%)

Source Ref: JDW 10/12/88, Milipol 91 Catalog, Co Info 11/91, Milipol 93 Catalog, IDEX 95 Catalog Exhibition: Defence Asia (Bangkok) 88, MILIPOL 91, Milipol 93, IDEX 95

Export/Imports:

Milipol 91 – Activities extend to over 70 countries worldwide – French Armament Export Agency.

Additional Information:

IDEX 95: Exhibiting as part of national group (France).

Milipol 91 – Main role to export land based & naval weapons systems.

Co Info 11/91: Established in 1939, SOFMA has been devoting its activities to export of ground equipment since 1954. Its area was expanded to include naval equipment in 1980 when it was merged with SOFREXAN and SOMELER. Shareholders represent private and nationalised firms. The companies activities extend to more than 70 countries in the five continents.

Army weapons: armored vehicles: AMX Leclerc, AMX 40, AMX 32, AMX 30, AMX 10 families, wheeled and tracked. artillery: self propelled gun, 155 AUF 1, towed gun 155 TRF 1 and light gun 105 LG 1. Antiaircraft artillery; 25mm and 20mm single or twin gun turret or towed mountings. Individual weapons in particular FAMAS and FRF 2, retrofits (AFVs of all types), munitions, mines, NBC equipment.

Equipment for which private manufacturers are prime contractors: wheeled vehicles (armoured or soft), special equipment for airborne troops, security-forces equipment, battlefield and base surveillance systems, mortars, anti-tank rockets and missiles,

ammunition, mines, radars, lasers, radios, NBC equipment, simulators.

Security equipment: security forces equipment, protection, detection and neutralizing equipment, anti-intrusion devices, automated digital image retrieval systems, automatic surveillance and control systems.

JDW 10/12/88 – Defence Asia (Bangkok) Special representative: Brigadier General (Ret) Pierre Calleja.

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Aeromaritime Systembau GmbH

Hanauer Str 105
Munchen 50 D-8000
Germany

Tel: +49 89 14 90 50 Tlx: 522 829 AVIO d Fax: +49 89 1401110

Holding Co: (92) Aeromaritime Systems Group BV (Netherlands)

Source Ref: IPEC 90, IPEC 91 Catalog, Co Info 10/91, International Defence Directory 91, How to get anything on anybody, Lapin, 91, Co Info 5/92, IDD 93, IDEX 95 Catalog Exhibition: IPEC 90, IPEC 91, IDEX 95

Export/Imports:

Co Info 10/91 & Intersec – 250 Systems worldwide.

Additional Information:

IDEX 95: Communications systems, IFF-Systems, IFF-Test equipment, mobile electronic workshops

IDD 93 – shipborne communications Systems & equipment, ground based communication systems, monitoring systems, secondary radar (IFF); antennas, crypto equipments.

Co Info 5/92 – Proposal for "Wide Area Network" Fax Monitoring using ASYM 7600 System.

IDD 91 – Training services.

Lapin 91: Fax intercept system that utilises a modem custom software and a PC computer or compatible.

Co Info 10/91 – ASYM 7600 Facsimile Monitoring Systems.

IPEC 90 – Facsimile Monitoring Equipment – ASYM 7500 A portable monitor, ASYM 7500 B Intercept Modem, ASYM 7500 C Card

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Dornier Security Systems GmbH

PO Box 1420
D-88039 Friedrichshafen
Germany

Tel: +49 7545 89098 Tlx: 734209 0 DO D Fax: 49 7545 85591

Holding Co: (94) Deutsche Aerospace. Subsids: (94) Senstar

Source Ref: ILE Vol2 85, Securitech Europe 91, Co Info 11/91, IDD 93, Securitech Europe 94, Exhibition: Int'l Security Essen 84,

Export/Imports:

ILE Vol2 85 – Dornier 228 Utility Aircraft supplied to Royal Oman Police.

Co Info 11/91 – "Outdoor protection" supplied over the last 10 years.

Additional Information:

ILE Vol2 85 – GUIDAR & SPIR Cable sensors. DORNIER 228 Utility Surveillance Aircraft.

Securitech 91 – Perimeter Protection & control – IMS Integral Security Fence System & (RADOBS) Radar Object Protection. Also supplies complete TV Surveillance Systems.

Co Info 11/91 – Safety Technology & Systems MTS.

Radar Intrusion Detectors: The RABOBS system, based on advanced radar technology, is suitable mainly for mobile and stationary indoor and outdoor surveillance tasks.

Buried HF-cable intrusion detection systems GUIDAR, SENTRAX, PANTHER and REPELS, manufactured by our Senstar subsidiary, were tailored for indistinguishable outdoor surveillance.

The protection and detection technology is completed by TV surveillance systems with modern video crossbar technology, CCD cameras, special illumination techniques, and intelligent video motion detectors. A particular feature is the DAVID video motion detector which is specifically designed for perimeter surveillance.

Rennhak Nachtsichtsysteme

Regenburger Strabe 4–6
Hagelstadt / Regensburg D 8401
Germany

Tel: 49 9453 8003 Tlx: 17-945380 RENNH Fax: 49 9453 8004

Source Ref: Securitech Europe 91, Co Info 11/91, Co Info 6/92

Export/Imports:

Co Info 6/92 – Importing, Advertising International Technologies (Lasers) Ltd – (Israel) advanced night vision systems, I.R & visible laser sights & illuminators.

Additional Information:

Securitech 91 – Night vision systems, Sniperoptics Day/Night – used by Special Forces. Videosystems, camera systems, laserscope FA-6/FA-9 – Laser targeting device, 360 degree camera – automatic, fully hidden observation camera.

CASHKASE – High voltage shock case, DICTACASE – Looks like a normal briefcase but can record every conversation with 8m.

Products about which we make "no publicity" because we design and offer things individually.

SIM Security & Electronic System GmbH

RoSlaufstrasse 1,
D-67433 Neustadt an der Weinstrasse
Germany

Tel: 49 6321-91279 Tlx: Fax: 49 6231 17059

Directors: (92) H. G Schilling, J. Nikolic

Source Ref: BAEE 88 Catalog, COPEX 90 Catalog, Copex 91 Catalog, Co Info 6/92, Copex 92 Catalog, Copex 93 Catalog, Securitech Europe 94, p76, Co Info 8/94, Copex 94 Catalog Exhibition: BAEE 88, Copex 90, Copex 91, Copex 92, Copex 93, Copex 94

Export/Imports:

Co Info 6/92 – UK Representative: MIA Rowe Associates

Additional Information:

COPEX 90 – Long-Range Surveillance system LRS-33, CCD Cameras & high performance video technology

Co Info 6/92 – Intensified CCD Cameras, Long range zoom system, Mobile Airport Surveillance system, Laser Systems, Digital Image processing, Video Transmission and Remote Control, Infravision SIM-ICCD-01, Laservision – Night vision technology.

Securitech Europe 94: SIM Security develops and manufactures electronic and opto-electroni high performance components and systems for applications by authorities, industry and science. SIM is an industry leader, especially in the development of low-light level CCD cameras. INFRAVISION and NANOVISION series of night vision cameras. IR Zoomlasers (light sources for CCD cameras), Wireless Radio

Transmission equipment for video Transmission – SIM Video link.

Copex 93: No details

Co Info 8/94:

Intensified CCD Cameras SIM-ICCD-01, SIM-ICCD-04/04S,05/05S/05A/05SA, SIM-ICCD-06-I/II/S/SA,

Night Vision equipment: Dark Invader with Gen II and Gen III image intensifiers. DI3000-I standard night vision scope with Gen II image intensifier, DI3020-I with IR laser illuminator, DI4500 goggle with image intensifier, DI4700 AVS Binocular Night Vision goggle, DI7000-I OWL small, compact Night vision scope with Gen III image intensifier, DI7500 OWL Camcorder System.

Thermal Imaging Cameras: SIM-PYRO 2000 Handheld Thermal camera, SS-600 Termal Imager system.

Black & White CCD Cameras: SIM-VPC-465/465PH, 715/715PH. Super micro CCD cameras – SIM-SM-10, SIM-WT-501, SIM-WT-202. Colour CCD camera SIM-CK-99 / SIM-CK-77,

Video Systems: Roof eye Covert camera system. The Roof Eye is a motorized optical system, which can be installed in vehicle roofs, camouflaged as an antenna. The optics allow 360 degree turn. The image is in focus from 1m – infinity.

Zoom laser system: SIM-LI-810/50M/500/1000/ RS500/ RS1000

Systems: Mobile Airport Surveillance System – Long range super zoom lens, Dual sensor camera, IR-Laser illuminator, S-VHS Video Recorder, Colour monitor with character editor, Wireless Video transmission (optional)

Econ Optics Mechanics

PO Box 60
GR-190 03 Markopoulo
Greece

Tel: 30299 23831 Tlx: Fax: 30299 23830

Holding Co: (94) ECON Industries Group, (92) C. Economides & Sons SA

Source Ref: Eurosatory 92 Catalog, The Defence Industry in Greece: Export Directory 94 (Eurosatory) Exhibition: EUROSATORY 92

Export/Imports:

The Defence Industry in Greece: Export Directory 94: Export to the following countries (no details): USA, Germany, France, Portugal, India, Malaysia, Kuwait, UAE, Saudi Arabia, Cyprus. Representatives in the Middle and Far East countries.

Additional Information:

The Defence Industry in Greece: Export Directory 94: Electrooptics (Passive, IR), Lasers, Precision Mechanics.

Econ Optics/Mechanics SA belongs to the group of Econ Industries. ECON specialises in manufacture of electro-optics fir both defence and civilian purposes.

Eurosatory 92: Electro optics, precision mechanics, night and day sights, laser rangefinders, Tilephos Long Distance Night vision system.

Intracom SA (Hellenic Telecommunications & Electronics)

GR-190 02 Peania Athens
Greece

Tel: 301 664 49 61 Tlx: Fax: 301 664 43 79

Source Ref: Eurosatory Catalog 92, The Defence Industry in Greece: ExportDirectory 94 (Eurosatory) Exhibition: Eurosatory 92

Export/Imports:

The Defence Industry in Greece – Export Directory 94: Listed as exporting to: Russia, Romania, Bulgaria, Moldavia, Ukraine, Sweden, UK, South Africa.

Representatives in Berlin, Bucharest, Moscow, Sofia.

Additional Information:

The Defence Industry in Greece – Export Directory 94: Manufactures: Digital radio link systems, rural subscriber radio networks, digital secure voice, fax and data transmission systems, Turnkey Informatics systems, telemetry systems.

Euro 92 – Communications systems.

Bharat Electronics Ltd

Trade Centre, 116/2 Race Course Road
Bangalore 560 001
India

Tel: 812 269897 Tlx: 845 2477 BE IN Fax: 812 265657

Source Ref: JDW 26/5/90, p1039, Co Info 1/91

Export/Imports:

JDW 26/5/90: Bharat exports in 1987–88 were RS288 million and increased to Rs519 million in 1989–90. Supplied a radio communication network and night vision binoculars to Mauritius, sub-units of radars to Switzerland, optical prisms to West Germany, semiconductors to France, digital communication equipment to Sweden, and transmitting tubes to the UK, Switzerland and Bangladesh.

Co info 1/91: Joint venture agreement with OLDELFT Group NV (Netherlands)

Additional Information:

Co info 1/91: Bharat Electronics – Manufacture a wide range of electronics equipment – Tactical & Strategic communications equipment/ systems, secrecy equipment, surveillance radars, communication equipment.

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Elbit Computers Ltd

Advanced Technology Centre, PO Box 539
Haifa 31053
Israel

Tel: 972 4 556677 Tlx: 46774 Fax: 972 4 520002

Holding Co: (84) 50% Control Data (USA), 50% Elron (Israel)

Source Ref: Arms Production in Developing Countries, J.Katz (84), p206, Int'l Defence Equipment Catalog 88/9, COIN 90, MILIPOL 91 Catalog, Co Info 11/91, JDW 8/6/91, p977, Co Info 11/91, Defense News 16/11/92, COIN 92/3, Co Info 4/94 Exhibition: MILIPOL 91

Export/Imports:

JDW 8/6/91: Revenues by geographical area are: USA $166m, 46%), Israel ($65m, 18%), other ($132m, 32%).

Defense News 11/92 – Contract with IAR (Romania) to upgrade Puma Helicopter Avionics.

Additional Information:

Co Info 4/94:Border Security Systems – Multi Layered Systems for the Multi Threat Environment. "The system performs continuous monitoring and surveillance of potentially suspect infiltrators, within a given time frame, preventing their entry into National Territory. These multi sensor systems are no longer an option but an essential to assure: Early warning, Remote and on-border detection, Identification of illegal activities, Classification and situation assessment by transforming raw data into essential information, Interception of potential intrusions and engagement.

Early Warning Elements Ground Surveillance Radar (GSR), Long Range Observation System, Observation Posts (Fixed or mobile).

Command, Control & Communication element.

Response and Intervention Forces. Border Patrol Forces, mobile and stationary Intervention and Interception units, equipped with Elbit equipment, directed by observation/surveillance posts,

Electronic Fence. Either concealed underground or true physical barrier which will provide alarm in case of intrusion.

Coastal Security Systems.

COIN 92/3 – Yuval D long-range TV surveillance system – is a portable video surveillance system for target detection, recognition, identification and inspection – in daylight can detect a vehicle at 35km away & identify it at a range of 25km. Yuval D/N long range day/night LLTV surveillance system.

Milipol 91 – Multi purpose Tactical consoles, Sniper C3 – Total simulation control, Intelligence for firing, Coordination of simultaneous firing by five or more snipers, Allocation of targets, IS-10 Real time Visual Battlefield intelligence, Yuval – Low light level surveillance systems, IRIS IR Imaging systems, IRTV 445L LORIS, IRTV 445G – Large Area coverage, ideal for aerial surveillance, Search & rescue, Chase – Detection & Alarm for nerve & blister (H) agents, quick response intervention forces.

Co Info 11/91: Command & Control centers, multipurpose tactical consoles, Sniper C3: Total situation control, intelligence for firing, allocation of targets, co-ordination of simultaneous firing by a group of five or more snipers.

Remote Sensing and multi-sensor systems: Yuval – A family of low-light level surveillance systems. Real time TV image transmitted to multiple users, 24 hours around the clock, in any weather, up to 35km detection ranges; 25km recognition range.

IR Imaging systems: IRIS – rugged, one piece scanner/viewer for aiming, IRTV 445L LORIS long range infrared telescope, TV compatible infrared vision system.

IRTV 445G for large area coverage, ideal for aerial surveillance, search & rescue operations, installable on helicopter, aircraft or marine vessels.

CHASE – detection and alarm in the presence of nerve (G&V) and blister (H) agents.

FALCON – combat optical gunsight, unrestricted field of view, firing with both eyes open.

JDW 8/6/91: Elbit sees its growth areas in "smart" munitions, helicopter avionics, threat warning and observation devices, and security systems.

COIN 90 – Yuval D Long Range TV Surveillance system, Yuval D/N Day/Night, Elbit Falcon Optical Sight, Elbit Snipers Co-ordination Unit.

IDEC 88/9: REVEAL – Real Time Electronic Video Enhancement at long range. REVEAL is an add-on electronic unit designed to boost the capabilities of electro-optical surveillance systems. Suggested applications: Long range visual surveillance/ observation systems, FLIR systems, Video signals received through communication links.

FALCON Combat Optical Gunsight is a compact aircraft type Head-UP display mounted on the front end of the rifle enabling firing with both eyes open and an unrestricted field of view. Aiming is performed by placing the luminous red dot projected on the optical window of the gunsight, on the target. The hit will be wherever the red dot overlays the target. Red dot is only visible to the gunner.

ELOP – Electro-Optics Industries Ltd

Advanced Technology Park, Kiryat Weizmann, PO Box 1165 Rehovot 76110 Israel

Tel: 972 8 386211 Tlx: 381328 RIL IL Fax: 972 8 563 0933

Holding Co: (91) Tadiran (50%), Federman Family (50%)

Turnover: (90) $121

Source Ref: Int'l Defence Equipment Catalog 88/9, COIN 90, Interavia 9/7/91, COIN 92/3, Co Info 3/93, Economic Times 27/8/93, p18, Israel Export Institute 4/10/94,

Export/Imports:

Interavia 7/91 – $121 Sales of which 66% were exports (Night vision, Laser systems, thermal imaging)

Economic Times 27/8/93: El-Op Electroptics Ltd, Yehuda Fences & Protection Systems and Shalon Chemical Industries Ltd, leading Israeli security and safety companies, are looking for partners in India to set up joint ventures for manufacture of security devices. These devices are unknown in India. These companies will offer to Indian counterparts, technology and equity for setting up ventures to manufacture equipment for airline security, border fencing and manufacture of night vision cameras. The would also provide technology for a host of other security equipment devices.

Additional Information:

IDEC 88/9: ELOP Milos Miniature long range TV observation system. ORT-MS 4 Mini night weapon sight is a low weight 2nd generation night sight. Particularly suited for use on infantry weapons. ORT-PS 1 Pocket Scope. HRS 100 Holographic Reflex sight for small arms, Hit-Eye 3000 Telescopic sight for Assault rifles 3x21, Hit-Eye 1500 optical sights for assault rifles x1.5,

COIN 90 – Elop OD Thermal Imager, MILOS Miniature Long-range TV observation system.

COIN 92/3 – LORROS Long Range Reconnaissance and Observation System

Co Info 3/93 – MALOS – Miniature Laser Optical Sight.

Israel Export Inst 10/94:Thermal Imaging Systems

International Technologies (Lasers) Ltd

12 Hachoma Street, PO Box 4099 Rishon Letzion 75140 Israel

Tel: 972 3961 6567 Tlx: Fax: 972 3961 6563

Source Ref: COIN 90, Rennhak Co Info 6/92, COIN 92/3

Export/Imports:

Co Info 6/92 – Advanced night vision systems & visible laser sights being advertised by Rennhak (Germany).

Additional Information:

COIN 90, 92/3 – AIM-1D Laser aiming light, SL-1 Snipers spotlight, BL-1 Borelight, IL-7 Laser IR Illuminator, L-2001 Nitecam Laser Augmented LLTC Camera, N/SEAS Light weight single eye acquisition system, NVL-11 Mk III Computerized fire control night sight for rocket launchers, N/CROS – Night Compass Range Finder operations scope.

Personix Ltd

DN Misgav 20181 Koranit Israel

Tel: 972 4 9998436 Tlx: Fax: 972 4 9998519

Source Ref: Essen 94 catalog, Co Info 10/94, Intersec 10/94, p342 (Israel's Security Industries – Essen) Exhibition: International Security Essen 94

Export/Imports:

Intersec 10/94: Computerised fingerprint identification systems. Installed in prisons in Israel and Spain as well as other installations in Europe and South America.

Additional Information:

Co Info 10/94: FP2000 fingerprint identification technology, FP2000-M fingerprint matcher comprises a Fingerprint processing unit (FPU) and an optical Fingerprint reader (FPR), Time and attendance Software (FP2000-TA) this full-blown application serves as a time-clock to monitor the arrival and departure of employees or inmates.

Intersec 10/94: Fingerprint identification verification systems. Pilot project to install ID verification systems with a major European company are currently underway. The system developed can verify or reject subjects by identifying fingerprints at various levels controlled by the user. The system maintains a very low false rejection ratio.

The rate at which fingerprints can be tested is relatively high, on average the whole process takes only 2 or 3 seconds.

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Rafael Armament Development

Authority
PO Box 2082
Haifa
Israel

Tel: 972 4 794714 Tlx: 471508 VERED IL Fax: 972-4-794653

Subsids: (91) TADIRAN, GALRAM

Source Ref: Int'l Defence Equipment Catalog 88/9 Intersec 9/91, MILIPOL 91, Co Info 11/91, Dun & Broadsheet Israel 93 Exhibition: MILIPOL 91

Export/Imports:

CO Info 91 – Sales offices in USA, Germany, Thailand.

Additional Information:

IDEC 88/9: Night vision thermal imaging systems.

Intersec 9/91 – Observation systems.

Mil 91 – Perimeter Defense System – "State of the Art" Security system. RAFCOM – Heading Reference System, Ordnance & Systems – Kinetic Energy Penetrators, Fragmentation warheads, Cluster Munitions, Electro-Optics & Thermal Imaging Night Vision.

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Security World Ltd Security

World House,
79 Dov Gruner St
Bnei Brak 51212
Israel

Tel: 972 3 5797331 Tlx: Fax: 972 3 799564

Subsids: (93) Security World Projects Ltd, I.B.S. Research & Development Ltd.

Source Ref: Int'l Security Review No.80 Spring 93, P52, Co Info 8/93

Export/Imports:

CO Info 8/93 – Distributor in Israel for Electronic Security Products Co.

Additional Information:

ISR Spring 93 – "Specialists in electric shock mechanisms, which run off standard 9v

batteries, pump out 50,000 volts, but generate a non-harmful 5- milliamps of current" The Zapper is not considered a weapon in Israel, requires no licence and costs only $30. Also produce a selection of briefcases, police batons and a transparent riot shield with the shock circuit built in.

A selection of bugs/counter surveillance equipment. Security World are looking for distributors in various parts of the world.

Co Info 8/93 – "Established in 1989 Security World specializes in the field of security, with its involvement spanning several inter-related areas of activity. The company is engaged in the research, development, manufacture and marketing of a broad spectrum of high standard protection products, as well as the marketing and sale of products that are compatible with its own line. A subsidiary company, Security World Projects, handles the design and implementation of comprehensive turnkey projects in the field of security."

"Security World's unique line of protection products is based on the electric shock principle. All of the products' shock units deter, but are certified not to cause any harm to the users. The product line is divided into two groups: Products based on physical contact between the attacker and his/her target: * Electric Shock fist unit (50,000 V). This small self-defense system stuns an attacker through a powerful electric shock. During operation it emits loud noises and sparks. The attacker suffers an extreme muscle spasm, disabling him/her.

TL-2000 RF Bug Detector – Counter Surveillance Locator (Electronic Security Products Co).

Other Electronic Security Products:- SW300 Telephone Transmitter, SW301 Telephone Line Crystal Transmitter, SW302 Room Transmitter, SW304 Room Crystal Transmitter, SW305 Disguised Crystal Transmitter, SW401 Transmitter Locator & Detector, SW401 (New) Transmitter Locator & Detector, SW402, Line-Guard Locator and Detector, Sw410 RF Bug Detector (0.5 – 800Mhz), SW411 RF Bug Detector (0.5 – 2000 Mhz), SW501 Automatic Telephone Tape, SW502 Automatic Telephone Tape + Tape-Recorder, SW503 Recording Briefcase, SW601 – Telesod

RC1071 Concealed Model Rc 1071 neck induction microphone.

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Tadiran-Elisra

11 Ben Gurion Street,
PO Box 6 Givat Shmuel,
Tel Aviv 61006
Israel

Subsids: Links to Telemet Elektronik/IRET ?

Tadiran Information Systems sold in 1995 to Electronic Data Sytstems (EDS)

Source Ref: Israeli Foreign Policy, South Africa and Central America, South End Press, 1987, JDW 29/9/90, COIN 90, JDW 18/5/91, p851, Computing, 9/95, Co Info

4/93

Export/Imports:

IFP & Computing: In the early 1980s Tadiran supplied the Guatemalan intelligence agencies with computers which were used to compile automated target information for assassinations. According to Guatemalan military sources, the lists contained names and details of journalists, student leaders human rights activists and political opponents. It was, in effect, a death list made highly effective through IT and communications technology.

JDW 18/5/91: $15 million contract for sophisticated advanced communications equipment to Central Europe.

Additional Information:

COIN 90: PRC-614 / PRC-624 / CNR-900 Radios – Links with Telemet Elektronik / IRET ? Similar device numbers“

SEC-24 Secure Telephone terminal, SEC-17 Digital Bulk Ciphering Device.

JDW 29/9/90: Tadiran Ltd Communication Group. 26 Hashoftim St, PO Box 267, Holon Israel, Tel 972-3 557 4245. HF 2000 advanced jamming resistant HF military communication system.

Co Info 4/93 – Modular Command & Control Workstation – applications – Mission Planning & Monitoring, Information Management, Weapon Control, Sensor Control, Terrain Analysis, Network Control, System Supervision, Resources management.

TCC-100 Mobile Radio Data Communications Co-ordinator.

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A.T.E.T.

Srl Via G. Da Verrazzano 42 10129
Torino
Italy

Tel: 11 56 83 200 Tlx: Fax: 11 59 04 93

Source Ref: How to get anything on anybody, Lapin, 91, IPEC 93 Catalog, Milipol Paris 11/93 Catalog, INDEPO 94 Catalog (Manoconsult entry)

Exhibition: IPEC 93, Milipol 93

Export/Imports:

INDEPO 94: Distributor in Switzerland listed as Manoconsult. Document video scanners, video surveillance.

Additional Information:

IPEC 93 – Miniaturized radio transmitter, Cellular monitor intercept devices.

Milipol 93 – manufacturers miniaturized radio-transmitters and beacons for industrial and military security. Main products are: Miniaturized radio-microphones with a wide range of accessories.

Remotely controlled miniaturized radio-transmitters with total flexibility of use and complete set of accessories, ranging from motion switch up to scramblers.

Covert Surveillance equipment.

Cellular interception systems.

Further details of our range of products will only be given to lax enforcement personnel (assume they mean law enforcement).

Lapin, 91: “World’s smallest crystal controlled surveillance transmitters. Operate in the 700–900 MHz bands. Stable, slightly larger than a thumb nail”.

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Officine Galileo

Via Albert Einstein 35 I-50013 Campo Bisenzio
Firenze
Italy

Tel: +39 558 9501 Tlx: 570126 GALILE I Fax: +39 558 950600

Source Ref: Int’l Defence Equipment Catalog 88/9, COIN 90, COIN 92/3, Co Info 92, International Defence Directory 93

Export/Imports:

IDD 93 – Agent in Thailand is SAPAC International Co Ltd

Additional Information:

IDEC 89 – MADIS is a sighting and turret drive system for self-propelled anti aircraft guns.

LTFCS – Laser Tank Fire Control Systems. VANTH – family of optronic fire control systems. OG30B – shipborne thermal imager suitable for panoramic surveillance, observation & identification, acquisition and tracking against surface & aerial targets.

VTG120 man-portable thermal camera.

COIN 90 – OGVN6 Night vision binoculars, OGVN 7 Miniature night sight.

COIN 92/3 – OGVN6 night vision binoculars. GALFLIR – a multi sensor electro optic system mainly intended for avionic use – using FLIR (Forward Looking Infra Red). VTG 120 thermal imaging system – portable apparatus for night surveillance and for aiming medium range weapons. VTG 240/N thermal imaging system. TURBO thermal observation unit with rangefinder – specifically designed to allow round the clock surveillance, observation, target spotting and target or impact point accurate location. OGVN 7 miniaturist night sight – compact night sight for observation &

aiming. Uses second generation light intensifier tubes. OGVN 3 night vision sight.

Co Info 92 – PACIS – Pilot Aid and Close-In Surveillance FLIR. The PACIS is a thermal imaging system designed to be installed on helicopters and fixed wing aircraft. The PACIS fulfils the following operational requirements:- Navigation, Day/Night surveillance, Border Patrol, Search & rescue, Remote Sensing and monitoring, Take-off and Landing aid.

GALIFLIR – stabilized Thermal Imaging system for Aerial observation. Is a thermal imaging system designed to be installed on helicopters, low-speed aircraft or RPV's to provide Navigation & flight aid in darkness, Day/Night Surveillance, Search, recognition and tracking of targets.

Jordan Technology Group

Jordan

Source Ref: National Security July/Aug 89, p3, JDW 9/89,

Export/Imports:

Nat Sec 7–8/89 – Memo of Understanding signed with Thorn EMI Electronics to produce the Hand Held Thermal Imager (HHTI) equipment at a production sight in Amman (Jordan).

JDW 9/89: Jordan Technology Group have signed a MoU with Sopelem of France to service and maintain portable night-vision equipment and helicopter night- flying goggles manufactured by SOPELEM, with Thorn EMI to produce thermal imaging equipment, Schweizer Aircraft Corp of New York to produce Schweizer Model 330 turbine training helicopter.

Additional Information:

Nat Sec 7–8/89 – Jordan Technology Group was established in 1988 as a private shareholding company with limited liability. Its aim is to promote Jordan as an Arab centre for technology transfer into the region and develop high technology export orientated products.

AlphaSafety SA

19, rue des Joncs L-1818 Howald
Luxembourg

Tel: (352) 48 19 15 Tlx: 2990 ALPHA LU Fax: (352) 48 10 67

Source Ref: Milipol 91 Cat, Milipol Paris 11/93 Cat

Exhibition: MILIPOL 91, Milipol 93

Export/Imports:

Milipol 91 – "Sells a broad range of products to Law Enforcement, Government and Defence agencies. The products are almost exclusively supplied from top quality manufacturers in the United States."

Additional Information:

Milipol 91: Surveillance – Portable video & Recording system, Night Vision,

Communications – Two way ear Microphones, Control systems for hostage, Crisis incidents.

Investigation – Computers for composite sketching of suspect, collation, identification, forensic & fingerprints.

Alphatron Observation and Communication B.V

Postbus 21003,
KP van de Mandelelaan 40
Rotterdam 3001 AA
Netherlands

Tel: 010 452 06 00 Tlx: 24009 Fax: 010 452 12 70

Source Ref: Utrecht Security 93 Catalog, Utrecht Security 95 Catalog

Exhibition: Utrecht Security 93

Export/Imports:

Utrecht Security 95: Representatives for: Asim (Switzerland) Boschtelecom (Netherlands) EEV (UK) cameras, sensors, night vision equipment Microtec (Belgium) video switchers Hernis (Netherlands) IM (Nottingham, UK) infrared transmission systems Philips (Netherlands) – observation systems Robot (UK) video systems Standard (Kanagawa, Japan) Tecsec (Gwent, UK)

Sec Utrecht 93 – Representatives for: Boschtelecom (Netherlands) – mobile communication equipment. EEV (UK) – cameras, sensors, night vision equipment Hernis (Netherlands) – explosion proof camera system. I.T.S. (Nottingham, UK), infrared transmission system for video and audio data. Philips (Netherlands) – observation system. Snec (Brettevill, France) – Imarsat standard C Communicate Standard, (Kanagawa, Japan) – Tecsec (Gwent, UK) – Camera's, lens Videor (Radermark, Germany) – camera?

Additional Information:

Utrecht Sec 93 – Complete program CCTV and communication equipment; engineer divisions for designing of installations and networks to customer specifications; installation assistance and 24 hour service group; selling of sensors and pick-up tubes from a wide range of standard products, as well as on customer specification; turn key projects for industry and institutes, like airports, prisons, industrial estates, police stations etc.

BV Delft Electronische Producten (DEP)

Dwazziewegen 2,
PO Box 60 NL-9300 AB Roden
Netherlands

Tel: +31 5908 188 08 Tlx: 53678 Fax: +31 5908 135 10

Holding Co: (92) Delft Instruments Defense BV (Netherlands)

Source Ref: Int'l Defence Equipment Catalog 88/9, Int'l Defense Directory 93, JDW 4/2/95, Co Info 7/95

Export/Imports:

JDW 4/2/95: Leading manufacturer in the field of low light detection and imaging. Marketing worldwide, with special focus on Western Europe, USA, Canada, South East Asia.

Additional Information:

JDW 4/2/95: LOw light imagers, image intensifiers. Latest development for use in night vision applications is the P3 Perfect Picture Performance Image Intensifier Tube (IIT).

IDD 93 – Image Intensifier Tubes.

IDEC 88/9: Image intensification tubes. 3rd Generation:- XX 1530, XX 1630, 2nd Generation:- xx 1420, XX 1440, XX 1450, XX 1470, 1st Generation:- XX 1140, XX 1220, XX 1270, XX 1340, XX 1460. Set up in 1970 as a company geared exclusively to the research, development and manufacture of image intensifiers for military, security, medical and scientific needs.

Delft Instruments Electro-Optics BV

PO Box 5083, NL-2600 GB
Delft Van Miereveltlaan 9
Netherlands

Tel: +31 15 601901 Tlx: 380111 NL Fax: +31 15 145762

Holding Co: (92) Delft Instruments Defense BV

Directors: (92) J.P.J.M. Korte

Source Ref: SW Thesis 87, JDW 16/12/89, p1352, Int'l Defence Equipment Catalog88/9, COIN 90, WSJ 21/9/91, Financial Exp 10/5/91, JDW 25/5/91,p892, COIN 92/3, International Defense Directory 93, JDW 4/2/95 Exhibition:

Export/Imports:

Finance Ex 5/91- Producing Image Intensifiers with Bharat Electronics (India)

WSJ 9/91- Delft illegally exported night-vision equipment containing Hughes Aircraft parts to Iraq & Jordan before & during the Gulf War.

Additional Information:

IDD 93 – Manufacture of passive night vision equipment for observation, aiming & driving, including: LLTV, thermal imaging cameras & systems, laser rangefinders, image intensifier tubes.

COIN 92/3 – HNV-1 holographic night vision goggles – allows a see-through night vision image that is imposed on a "normal" view – using Holographic Optical Elements (HOE''s). Cyclop PC1MC night vision goggles, PG1MS night vision goggles, PB4SL passive lightweight binoculars, PB4DS passive binoculars, PB4M) lightweight passive binoculars, MS7TS marine night observation device, Type HV7 x 200 AT night observation device, LUNOS lightweight universal night observation system, Telelunos low light TV system. Type GK4MC passive mini weapon sight, Type MS4GT mini weapon sight, GK7MC aiming device, Type TM-007 laser target pointer

JDW 25/5/91: The US Defence Logistics Agency has ruled that the Dutch optical equipment firm Delft Instruments no longer be allowed to sell its products to US Government Agencies. Decision does not apply to existing contracts. The decision was taken after the USA found that the company had illegally shipped night vision equipment to Iraq.

COIN 90 – GK4MC Passive mini weapon sight, TM-007 Laser target pointer, CYCLOP PC1MC, PC1MS, PB 4SL, MS7TS, HV7 X 200 AT Night devices.

IDEC 88/9: LUNOS passive nightvision equipment, GK4MC passive mini-weaponsight, Thermal imaging systems, integrated fir control equipment (TILAS Tank Integrated Laser day and night Sight).

Reinaert Electronics PO

Box 93014 1090 BA
Amsterdam
Netherlands

Tel: 31 20 6 94 7218 Tlx: Fax: 31 20 6 94 83 71

Source Ref: COIN 90/1, Co Info 1/5/92, COIN 92/3, Co Info 10/94 (Essen)

Exhibition: International Security Essen 94

Export/Imports:

Co Info 5/92 – Received general export licence for the following countries: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Japan, Luxembourg, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, UK and USA.

This means that we do not have to apply for individual export licences for the Fox night vision equipment.

Additional Information:

Co Info 10/94: Reinaert Electronics have been dealing with the design, manufacture and import/export of high quality electronic products and parts for more than 22 years. We specialise in Night vision design and production for marine, armed forces, law enforcement and many civilian uses.

Also provide from stock, CCTV systems, electric and electronics repellents, high voltage fencing, infrared goggles, radio transceivers, jammers, bug detectors, paralysers, image intensifiers.

See also EMO-Elektronik GmbH.

COIN 92/3 – Individual weapon sight – provides the AN/PVS-2B weapon sight. Originally made for the US Army – now offered from surplus stocks.

Co Info 5/92 – Pocketscope NVS-80 Passive night vision, IM 101 Image Intensifier, DARK INVADER, PG1MS Passive night goggles, HV5x80AT, GS6TS Weaponsight, Paralysers, Bug Detecting equipment, High Voltage Fencing, Electric repellents, Laser Devices, Infrared Cameras, Microwave systems.

COIN 90/1, 92/3 – Incognito surveillance unit, FOX subminiature universal night vision system, FOX CC-36 CCTV Camera, IMPULSE IR Beacon, Model 5091 Monochrome IR Illuminator.

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Simrad Optronics A/S

Postbus 6114 N-0602 Etterstad
Oslo 6
Norway

Tel: +47 267 0490 Tlx: 76136 SIM N Fax: +47 268 0704

Subsids: (94) Subsid in Crawley, UK

Source Ref: BAEE 88 Catalog, COIN 90, COIN 92/3, Eurosatory 94 (Norway Exports) Exhibition: BAEE 88, Eurosatory 94

Export/Imports:

Norway Exports 94: Simrad Optronics derives as much as 90% of its annual turnover from exports to Europe, Australia, New Zealand, Japan and the USA.

Additional Information:

Norway Exports 94: Handheld laser rangefinder LP7, first procured by the British Army in 1978. has been sold in substantial quantities and has become the market leader. Laser Sight LP101, Laser modules, Ultra Light Night Vision goggles GN1, Image Intensifiers – KN200 and KN250.

COIN 92/3 – NVC1 NightMaster – features a high performance night observation device incorporating a modified 35mm camera. Uses a new SuperGen II image intensifier and allows the user to take high quality photographs whilst observing an object through the night vision binoculars. ViewMaster night vision binoculars, Watchmaster night vision goggles,

KN200 image intensifier (weapon sight), KN250F image intensifier.

COIN 90 – KN 150 Second generation night sight, KN200 Image intensifiers.

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Montagrex-Optagrex (Soc Portuguesa de Importaco e Exp)

Av. Oscar Monteiro Torres, 20-2 H 1000
Lisbon
Portugal

Tel: 76 77 34 Tlx: 15 397 Agrex P Fax

Source Ref: Export Directory of Portugal 91/2 p516,

Export/Imports:

Port Exp 91/2 – Import/Export Agents.

Additional Information:

Port Exp 91/2 – Air Force, Army and Naval Equipment, Import/Export Agents, Night Vision Equipment, Shelters for Military and Civil Purposes, Agents for Helicopters Services and maintenance, Camouflage Equipment, Telecommunications and Radar Systems, Armored Vehicles and spare parts, anti-tank and anti-aircraft missiles, laser equipment, protection systems against atomic radiation and bacteriological and chemical attack.

Factory:- St Marta de Corroios, 2840 Seixal. Tel 253 25 35, Telex 62454 Spelex P, Fax 254 29 63.

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International Information & Trading Services Co

Saudi Arabia

Source Ref: Eydentify Co Info 89

Export/Imports:

CO Info 89 – Middle East Distributor for Eyedentify inc – retinal identifying equipment

Additional Information:

Co info 89 – Human Identity Recognition systems – retinal systems. Distributor for Eyedentify products.

Barlows Electronics Ltd

South Africa

Holding Co: (89) Barlow Rand Corporation (S.Africa

Source Ref: JDW 4/9/83 (830), War & Society 89

Export/Imports:

W&S 89 – One of 2 Largest electronics suppliers to Armscor – including a contract to supply army with locally assembled Thomson-CSF Radios.

Additional Information:

W&S 89 – Electronics supplier to Armscor / SADF.

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Night Vision Optics

PO Box 78800 Sandton 2146
South Africa

Tel: 011 884 9191 Tlx: Fax: 011 884 9319

Source Ref: Securex 94 (S. Africa) Catalog,
Exhibition: Securex 94 (S. Africa)

Export/Imports:

Securex 94: Listed as South African representative for PK Electronics and a number of Russian manufacturers

Additional Information:

Securex 94: Night vision devices of all kinds, electronic surveillance devices eg bugs, transmitters, fax interceptors, CCTV and video transmitters. Bullet proof jackets, helmets and firearms.

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DEFEX SA

General Peron 38,
9TH Floor
Madrid 28020
Spain

Tel: 34-1 555 7861 Tlx: 23616 DEFEX E Fax: 34-1 556 86 10

Sharehldgs: (94) INI (National Institute for Industry) has a 51% majority, the

other 49% is held by privately owned defence companies.

Source Ref: BOTB Singapore 91, COIN 91/92, Co Info 6/92, Copex Miami 93 Cat,

Milipol 93 Catalog, Co Info 11/93, INDEPO 94 Catalog, SecurityAsia 95 Exhibitors List Exhibition: Asia Security 91, Copex Miami 93, Milipol 93, INDEPO 94, Security Asia 95

Export/Imports:

Co Info 92 – Overseas offices in Far East & Middle East.

Copex Miami 93 – Offices in Singapore and Dubai.

INDEPO 94: Regional Office DEFEX SA (Dubai Branch), PO Box 9368, Dubai, UAE. Tel 971 4 31391. Fax 971 4 314712. Telex 46327 DEFEX EM

Additional Information:

INDEPO 94: DEFEX handles products from most Spanish manufacturers in defence and security.

COIN 91/92 – State owned joint venture with private enterprise that markets Spanish defence products & security & services worldwide

Copex Miami 93 – At this exhibition DEFEX is concentrating on Spanish Security Equipment for Police Forces, Special Forces as well as Civil Defence Forces. DEFEX has been operating for the last 20 years.

Milipol 93: DEFEX is the official Spanish export company for defense and security products and was set up in 1972.

The equipment and systems handled by DEFEX for police and special forces can basically be broken down into the following areas: Security installations, Electronics, Specialised Security Equipment Basic Equipment for Special Forces, Transport, Weaponry.

Co Info 11/93: In 1991 decision was taken to give broader scope to commercial activity by expanding further into the fields of Police and Security equipment.

Co Info 6/92 – Security Installations, Perimeter Protection, Intruder Detection, Laser Range Finders, Nigth Vision Surveillance, Infra-Red Surveillance, Night Laser Aiming Device, Communications, Encryption devices, Territorial & Urban Information Systems – Traffic Control, Riot Control, Telephone Interception Devices, Portable metal detectors, Uniforms, Protective Clothing, Riot Shields, Truncheons, Water Cannon, Armored Vehicles, Aircraft, Bullet Proofing of Vehicles, Commando Equipment, LMG 5.56mm and 7.62mm Assault Rifles, Submachine Guns, Pistols, Hand Grenades, Tear Gas Grenades, Explosives.

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Security Systems International

Switzerland

Source Ref: World in Action,:Inside Idi Amin's terror machine, 13/6/79

Export/Imports:

Supplied security equipment to state research centre, Uganda. Also involved a UK company with the same name.

Additional Information:

See also Security Systems International (Cambridge & Isle of Man)

Startek Engineering

Taiwan

Source Ref: Journal of the Electronics Industry, 9/92, page s27, Asian Sources Electronics, 8/93, p451, International Fire & Security Product News 9/94, p12, Intersec 9/94, p309, Co Info 11/94 (Avalon Technology Ltd)

Export/Imports:

Jnl Electronics Ind 9/92: FIC2000-I fingerprint recognition control system. Fingerprint card is popular in Taiwan, Indonesia and Hong Kong.

Asian-Elec 8/93: Startek hopes to export 500 fingerprint identification control systems in 1993.

Co Info 11/94: Distributers/manufacturers in UK appear to be Avalon Technology Ltd (Wirral) and Startek Engineering Ltd (Alsager)

Additional Information:

Jnl Electronics Ind 9/92: Startek Engineering will market a Fingerprint recognition control system which has wide applications. The FIC2000-I is a half automated system in the monitoring and engineering areas. Expanded security applications also include military uses. Startek will also be introducing security related computer IC cards.

Dr Wen-Hsing Hsu, designer of the fingerprint system, says that sales of the fingerprint recognition market is growing at a double rate and estimates that the world market for them is between 6000–10,000 sets per year.

Access ID Card Equipment (3579910)

Asian-Elec 8/93: Fingerprint Identification systems,

Int'l Fire & Security Product 9/94: Startek Fingerprint verifier makes use of the unique and unchangeable characteristics of personal fingerprints. The whole verification process takes just 3 seconds. The features of each live scan fingerprint are extracted into a miniature file for matching. By reducing this file to only 256 bytes, database requirements are significantly reduced and the fingerprint template can easily be stored on card systems (smart cards, optical cards etc).

Intersec 9/94:

Action Information (Management)

**Ashton Road Hilperton, Nr Trowbridge
Wiltshire
BA14 7SZ UK**

Tel: 0225 777288 Tlx: 445917 AIMS G Fax: 0225 751616

Source Ref: IPEC 90 Cat, Co Info 91

Exhibition: IPEC 90

Export/Imports:

Co Info (90) – GIS (Geographical Information System) systems, Lancashire Police, Belgium, Italy, France, Zimbabwe.

Additional Information:

IPEC 90 – AVLS – Vehicle Tracking Systems, Geographic Information Systems.

AGEMA Infrared Systems Ltd

**Arden House, West Street Leighton Buzzard,
Bedfordshire
LU7 7DD UK**

Tel: 01525 375660 Tlx: 826586 AGEMA G Fax: 01525 379271

Holding Co: (92) AGEMA Infrared Systems AB (SWEDEN), Spectra Physics Co

Directors: (92) – L. Bergstrom (Sweden), B. McQueen (MD), D. Eastall

Source Ref: IPEC 91 Catalog, Co Info 4/92, Co Info 1/93, Securitex Thailand 93Catalog, FIS Austrlia 93, JDW 10/9/94, Securex 94 (S. Africa) Catalog (H Rohloff), DMA List 95 Exhibition: IPEC 91, Securitex Thailand 93, Farnborough 94

Export/Imports:

Securex 94: H. Rohloff (S. Africa) listed as a distributor for Thermovision 210 equipment. Securitex Thailand 93

Agent in Thailand. Teo Hong Silom Co ltd, 723 Silom Road, Bangkok, Thailand. Tel 010 66 2 2331721. Tlx BASILOM TH82945. Fax 010 662 236 7501

Agent in Malaysia SII (Scientific & Industrial Instrumentation) (Malaysia) SDN, No 18, SS 14/1 Subong, Jaya, 47500 Petaling, Jaya, Malaysia. Tel 010 60 3 733 1432, Fax 010 603 733 0811.

FIS Australia 93: Listed as exporting "infrared thermographic equip".

Additional Information:

DMA 95: Infrared thermal imaging systems for fixed, building, marine and airborne applications and for defence research and development programmes.

IPEC 2/93 – Thermovision 1000 Forward Looking Infra-red (FLIR) imager will form part of a total airborne surveillance system ordered by the Hampshire Constabulary for their BN2B-26 Islander aircraft. Using the AGEMA Thermovision 1000 it is possible to locate humans on the ground when flying at height of at least 3000 feet and distances of at least 3km.

Co Info 1/93 – Agema have launched a new division to market thermal imaging products to the Surveillance market. Major application areas are: Drug Enforcement, border control and search and rescue, general surveillance focused on traffic control of waterways & air fields.

Thermovision 1000. A forward looking infrared (FLIR). Thermovision 210S portable infrared scanner.

Co Info 4/92 – Thermovision 1000 Infrared Camera, Thermovision 210S Thermal Surveillance Camera.

IPEC 91 – Infra Red Surveillance + Thermovision 200 Series – Low Cost portable system ideal for a wide range of surveillance applications.

AI Cambridge Ltd (Security)

London Road Pampisford
Cambridgeshire
CB2 4EF UK

Tel: 0223 834420 Tlx: 817536 AI CAMB G Fax: 0223 835050

Holding Co: (92) Meggitt Controls

Analytical Instruments Ltd, ITI Security of Boston (USA)

Turnover: (93) 2.2 M

Directors: (94) DH Clark, MS Shaw

Source Ref: Copex 87 Catalog, COIN 90 (Security & Counter-insurgency), COPEX 91, JDW 26/1/91, p123, Copex92 Catalog, FIS Indonesia 91,93, Co Info 5/92, COPEX 93 Cat, COIN 93/4 p238, FIS Australia 93, FIS China 93, FIS Taiwan 93, FIS South Korea 93, FIS Hungary 93, FIS Czechoslovakia 93, FIS Singapore 93, Key British Enterprises 94, INDEPO 94 Catalog, FIS Saudi Arabia 94, FIS Turkey 1994, Copex 94 Catalog, COIN 94/5, Security Asia 95 Exhibition List Exhibition: Copex 87, Copex 91, Copex 92, Copex 93, Indepo 94, Copex 94, Security Asia 95

Export/Imports:

KBE 94: Markets listed as W. Europe, Middle East, USA, S. America, Africa, S & SE Asia, Australasia, Canada

FIS Saudi Arabia 94: Listed as exporting “scientific instruments”. Value between 1–10 million.

FIS Turkey 94: Listed as exporting “scientific instruments”. Value between 1–10 million.

FIS 93 – “Scientific instruments” to Indonesia. Value between 1–10 million. Contact MS L Thompson.

FIS China 93: “Scientific Instruments” to China. Valued at between 1 & 10 million. No further details.

FIS Taiwan 93: Listed as exporting “Scientific Instruments” to Taiwan. Value between 1–10 million. No further details.

FIS South Korea 93: “scientific instruments” to South Korea. Value between 1–10 million.

Co Info 5/92 – $1 Million mid-eastern contract for security equipment. Model 97 Hand Held explosive detector ordered by US state department & Pentagon

Distribution network set up in Latin America.

FIS 91 – “Scientific instruments” to Indonesia (1)

JDW 26/1/91: 100,000 contract for the supply of Model 97 hand held explosives detectors to Turkish MOD

Additional Information:

COIN 93/4: Entry-Sign access control – is an advanced form of access control. Using signature verification, Entry Sign allows authorised persons access to restricted areas. The system overcomes the problems associated with conventional personal identification numbers, keys and cards. Using biometric identification the system analyses a persons signature and checks it against a recorded version.

Amber Technology Ltd

16/25 Bastwick Street
London EC1V 3PS
UK

Source Ref: COIN 90, IPEC 90, 91 Cat

Exhibition: IPEC 90, IPEC 91

Export/Imports:

IPEC 90 – Digitscan Fingerprint Retrieval system in use with 14 Police Fingerprint Bureau (13 in the UK).

Additional Information:

GDS-200 Graphical Display System, Digitscan Fingerprint Stirage & Retrieval System.

IPEC 90 – Digitscan on display.

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AMPEX Great Britain Ltd

Acre Road Reading
Berkshire RG2 0QR
UK

Tel: 0734 875200 Tlx: 847611 Fax: 0734 866693

Holding Co: (90) AMPEX Europe Ltd

Source Ref: IPEC 89 Catalog, International Defence Equipment Catalog 88/9, IPEC 90 Catalog, COIN 90, IPEC 91 Catalog, FIS Australia 93, FIS Czechoslovakia 93, FIS Singapore 93, FIS UAE 94, FIS Saudi Arabia 94, FIS UK Exporters 94 Exhibition: IPEC 89, IPEC 90, IPEC 91

Export/Imports:

FIS UK Exporters 94: Listed as exporting "TV & recording equipment" to the following countries / regions: Spain/Portugal, Italy, Far East & Australasia, Middle East, USA, Holland/Belgium, Germany, France, Mediterranean, Western Europe, Scandinavia, South Africa, Eastern Europe, Canada, Australia, Japan, South East Asia (comprising one or more of: Hong Kong, Singapore, Malaysia, Indonesia, Philippines, Thailand), Switzerland, Irish Republic, Greece, East Africa (comprising one or more of: Kenya, Tanzania, Uganda, Sudan, Ethiopia, Somalia, Djibouti). Contact: Mr G. Lloyd.

Additional Information:

COIN 90 – DCRSi Digital Cassette Recording System. Digital Data, Automatic Fingerprint Recognition, AMPEX Photographic System – Facial Capture System.

IPEC 90 – Demonstrating a basic storage and retrieval fingerprint system, an automatic recognition system, an integrated photographic application for mugshots which can be integrated into a fingerprint system with a joint nominal index.

IDEC 88/9: DCRSi Digital Cassette Recording system – applications: EO, SAR, FLIR, RADAR, ELINT, ASW, Satellite data, Flight Test.

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Audiotel International Ltd

Cavendish Courtyard, Sallow Road Weldon,
Corby NN17 1DZ
UK

Tel: 0536 666777 Tlx: 341775 AUDINT G Fax: 0536 66711

Subsids: (93) Security Research

Directors: (92) A. Martin, I. Melling, R. Sumners, J. Walker.

Source Ref: International Law Enforcement Vol 2 85, COPEX 86 catalog, Copex 87 Catalog, Copex 88 Catalog, Copex 89, Copex 90, Copex 91 Catalog, IPEC 90 Catalog, IPEC 91 Catalog, Co Info 8/92, FIS UK Exporters 93, FIS Australia 93, Co Info 18/9/93, International Defence Directory 93, p289, Copex 94 Catalog Exhibition: Intl Security Essen 84, Copex 86, Copex 87, Copex 88, Copex 89, Copex 90, Copex 91, Copex Mimai 91,IPEC 90, IPEC 91, IFSEC 94, Copex 94

Export/Imports:

IPEC 90 – Products in use with police, Govt & commercial security organisations in over 60 countries.

COPEX 91 – Scanlock sold to over 50 Countries.

FIS UK Exporters 93 – Listed as exporting "crime detection equipment" to the following countries or regions (no further details given): Far East & Australasia, Germany, Holland/Belgium, Western Europe, Canada,

FIS Australia 93: Listed as exporting "crime detection equipment".

Additional Information:

Copex 94: A recognised world leader in Technical Surveillance Countermeasures (TSCM), Audiotel are showing the latest technology to protect and secure meetings from unauthorised listening (by electronic eavesdropping devices).

Co Info 9/93: Teleguard 1060 Telephone encrryption system. The Scrambler (Tm)

Co Info 8/92 – Security Research – Cyclops Sub Miniature Camera System, TMS-01 Telex Monitoring System, FMX Fax Monitoring System, Telephone Recorders,

COPEX 91 – New countermeasure products – BROOM ECM & Delat V ECM,

IPEC 90 – Displaying Scanlock Counter-surveillance receiver.

COPEX 86, 89, 90: Bought Security Research from Cray Electronics – Covert Communication equipment, radio & telephone monitoring equipment. Scanlock 2000 – Counter surveillance receiver, Electronic eavesdropping seminars organised.

Copex 87 (Advert): Surveillance systems for Law Enforcement, Defence & Security. Equipment & systems includes: Undercover interviews & negotiations, one and two-way covert communications, surveillance of vehicle occupants, siege and barricade use, single & multi-channel telephone monitoring, surveillance of detention, interview and conference rooms.

Special microphones: sub miniature and small diameter probe types. VTX-12 and VTX-22 Transmitters, STX-02 & STX-12 transmitters, VRX-SL & VRX-ML Receivers, VA-055 amplifier,

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AVIMO Ltd

Lisieux Way Taunton
Somerset TA1 2JZ
UK

Tel: 0823 331071 Tlx: 46126 Fax: 0823 274413

Holding Co: (91) United Scientific Holdings Ltd (93) Alvis Plc

Source Ref: NATO Infantry & its weapons 1976, BAEE 86, BAEE 88 Catalog, Copex 88 Catalog, International Defence Directory 91, FIS UK Exporters 93, RN & BAEE 93 Catalog, p12, FIS UAE 94, Eurosatory 94, IDEX 95 Catalog Exhibition: BAEE 86, BAEE 88, Copex 88, RN & BAEE 93, Eurosatory 94, IDEX 95

Export/Imports:

All International Sales Enquiries to – 215 Vauxhall Bridge Road, London. SW1V 3EN. TelL 071 821 8080 – Tlx 262748.

FIS UK Exporters 93 – Listed as exporting "Instruments" to the following countries or regions (no other details given): Far East & Australasia, Germany, Western Europe.

FIS UAE 94: "electro-optical components". Value between 1–10 million. Mr J Stenhouse.

Additional Information:

IDEX 95: Exhibiting as part of national group (UK).

RN & BAEE 93. Tank Gunner's Sighting System, NV(L) 3200 Series – is a modular sighting system primarily designed for initial or retro fit to light armoured Vehicles. NVL 8700 Sighting system – variation of the NV3200 series adapted to provide a sighting/observation system for a Mechanised Artillery Observation Vehicle (MAOV).

Laser Warning Detector, LWD-21 – designed for vehicle mounting and provides an ideal solution for armed forces who require advance warning of hostile laser radiation.

HL58 Laser Rangefinder Module

Direct Fire Artillery Sight, DFS-90.

Copex 88: Avimo specialises in the design, development and manufacture of sophisticated electro-optical instrumentation for military and police applications. Equipment on display include: Day surveillance systems, image intensified night observation and weapon aiming devices (2nd & 3rd generation) thermal imaging and mine detection.

BAEE 86 – AVIMO Handheld mine detector,

COIN – Day Surveillance systems, Image Intensifiers, Thermal Imaging, Mine Detection.

NATO Weapons (76): Trilux L2A1 small arms weapon night sight.

Barr and Stroud Ltd

(Pilkington Optronics)
1 Linthouse Road
Glasgow
UK

Tel: 041 440 4000 Tlx: 778114 GLWG Fax: 041 440 4001

Holding Co: (90) Pilkington plc

Source Ref: BAEE 88 Catalog, Int'l Defence Equipment Catalog 88/9, FIS UK Exporters 93, Engineer 13/5/93, p17, Co Info 11/94 (Copex 94), BDEC 95 Exhibition: BAEE 88

Export/Imports:

FIS UK Exporters 93 – Listed as exporting "scientific instruments" to the following countries or regions (no further details given): Spain/Portugal, Italy, Far East & Australasia, Middle East, USA, Holland/Belgium, Germany, France, Western Europe, Scandinavia, Central America & Carribean, South East Asia.

Additional Information:

IDEC 88/9: Thermal Imaging Sensor head (IR26).

Engineer 13/5/93: The company is 96% dependent upon the defence market. Parent group Pilkington Optronics (now 50% owned by Thomson-CSF, France).

Co Info 11/94: ARGUS Land Systems Thermal Imaging Sensors. Argus is a Thermal Surveillance System featuring the Pilkington Optronics new thermal imager, HDTI (High Definition Thermal Imaging)

BDEC 95: Submarien periscopes and masts, for search, attack and navigation.

British Aerospace (Precision Products group)

PB 181, Six Hills Way Stevenage
Hertfordshire SG1 2DA
UK

Tel: 0438 312422 Tlx: 825125 BAE STEG Fax: 0438 316371

Holding Co: (93) British Aerospace Plc

Source Ref: International Law Enforcement Vol 2.3 85, Copex 86 Catalog, COPEX 87 Catalog Exhibition: Copex 86, COPEX 87

Export/Imports:

ILE VOL2.3 (85) 500,000 order from British Army Air Corps for steadyscope, also sold to over 40 countries for military & counter insurgency use.

Additional Information:

ILE Vol 2.3 (85): Steadyscope Image Intensifier.

COPEX 87 – Stabilised Binocular, steadyscope.

Cardkey Systems Ltd

23 Stadium Way, Portman Road
Reading Berkshire RG3 6ER
UK

Tel: 0734 415211 Tlx: 847733 CARDKY G Fax: 0734 417676

Holding Co: (93) ABLOY Security Group (91)

Source Ref: SW Thesis 87, Co Info 10/91, Co Info 3/93, Securex 95 (S. Africa) Info 12/94, Exhibition: Securex 95 (S. Africa)

Export/Imports:

Co Info 10/91 – Offices in Germany, Netherlands, USA, Manchester (UK).

Additional Information:

SW Thesis 87 – Identity cards, tokens, systems etc.

Co Info 10/91 – D600 Range of terminal/controllers, pass systems.

CO Info 3/93 – Pegasys 500 – flexible access control and alarm monitoring system.

Civil Defence Supply

The Old Rectory,
Vicarage Lane
Wellingore Lincolnshire LN5 0JF
UK

Tel: (522) 810388 Tlx: 56472 CIVDEF G Fax: 0522 811353

Directors: M.D E.N Bauer

Source Ref: Copex 86 Catalog, Copex 87 Catalog, International Defence Directory 88, Copex 88 Catalog, Copex 89 Catalog, IDD 91, COPEX 91, Copex 92, 93 Catalog, Copex 94 Catalog Exhibition: Copex 86, Copex 87, Copex 88, Copex 89, Copex 90, Copex 91, Copex 92, Copex 93, Copex 94

Export/Imports:

Copex 94: Re-equipping and training of Palestinian Police Force.

UK Prison Service exclusively use PR-24 (Monadnock, USA) side handled baton.

COPEX 92 – Offices in Washington, Halifax (Canada), Riyadh, Kuwait City.

COPEX 91 – CDS has won some of the worlds largest contracts in Riot Control equipment & associate training.

Major consultant with Saudi Arabia advising on defence & internal security matters.

Also photographs on display showing Police/Riot training (& equipping ?) in Mexico.

Additional Information:

Copex 94: Public Order and Special Operations Equipment, Research, Development and Training.

Civil Defence Supply is a registered defence contractor involved with research, development and manufacture of Police and Military products. The company is represented worldwide, holds numerous NATO and MOD Stock Codes, is a registered Firearms Dealer and has a Home Office Section 5 Authority. Most products and services offered are unique to Civil Defence Supply. Armadillo Tactical Riot Shield – the worlds only patented interlinking riot shield system – in service with numerous national Police and Paramilitary Forces. The UK Prison Service is entirely ARMADILLO equipped with its Control and Restraint programme sold on to other prison agencies internationally. Special sizes and types made to order. Full technical documentation and videos available.

Public Order Training – CDS has set up a complete support programme for the ARMADILLO. Liaison between the Foreign Office, MoD, DESO and Police Forces means that any overseas agency can receive not only the best training in ARMADILLO but also in street tactics and riot management. The UK leads the world in safe, non-lethal riot response, resulting in many major contracts – the most recent being the complete resupply re-equipping and training of the Palestinian Police Force in Gaza in August 1994.

Special Operations Equipment & Training – The company equips and trains all forms of Drugs, Firearms, Prisons and Special Operations Teams in night vision, methods of entry (MoE), intelligence skills, weaponcraft, communications and situation management. Instructors are all ex-services or ex-agency with recent operational experience. A full range of equipment to support these programmes is available.

Other services – Special Operations Hire Service with complete selection of equipment from door breaking tools and hydraulics to night vision, weapons and vehicles.

Reconditioned and pre-owned equipment resale including refurbished ex-military observation, night vision, EOD and electronic systems. In conjunction with Portfolio Section V Ltd – unique photographic and video services, fully equipped studio and editing facilities and production of tactical training handbooks and support material for a secure total package.

Copex 93: Civil Defence Supply is a registered defence contractor involved with research, development and manufacturer of police and military products with numerous items stock codified by United States, NATO and UK MoD users. The company established offices in Washington (USA), Halifax (Canada), Riyadh (Saudi Arabia), and Kuwait City involved with direct government consultancy and equipment supply contracts. The main areas of capability are internal security and riot control equipment and training. Prison riot control, special and covert operations, night operations, command and control support, intelligence analysis and management consultancy.

Trojan Operational Intelligence System. Now in UK police and overseas use, this highly advanced police and intelligence workstation allows forces to create data storage files, store images, enhance images, transmit and network data, mission plan and contingency support, as well as address tasks such as video enhancement. Civil Defence Supply is a registered bureau under the Data Protection Act and has worked with legal advisors on full Court veracity of digital and computer generated evidence material. No other enhancement and evidential system shows such features to these levels.

Trojan Criminal Intelligence Computer System – Image Storage, Retrieval, Filing, Enhancement, Manipulation & printing – Full GIS Workstation.

Special operations hire – A Three year old service for police & official users only. Everything from armoured cars to machine guns, nightvision & surveillance systems are available – extensively used by UK Police.

Night vision sales – CDS "Is largest dealer in secondhand night vision equipment".

Co Info (undated): Dragon Portable Searchlight, Remote Control Operation (NATO Stock No X2-6230-99-728-7297) 100 Watt Dragon Mk.2 with remote control. Infrared Systems: Night vision enhancement

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Commercial Defence International Ltd

5–7 High Street
Aldershot Hampshire GU11 1BH
UK

Tel: 0252 343244 Tlx: Fax: 0252 25338

Subsids: (92) Research Projects

Directors: (92) I.J. Petty (MD), C.J. Williams (Projects), S.L. Petty (Sec)

Source Ref: Combat & Survival 3/92, Co Info 5/92

Export/Imports:

Co Info 5/92 – "One of the only organisations to successfully export NBC Defence Equipment to Middle Eastern Client."

Additional Information:

C&S 3/92 – See also Research Projects Training – Counter Surveillance Techniques, Commercial Close Protection, Support & Execution of overt and covert security operations of both civilian and military nature.

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Communications Devices Ltd

6 Riverside Park,
Dogflud Way Farnham
Surrey GU7 9UG
UK

Tel: 44 252 715999 Tlx: 858903 Fax: 44 252 712966

Subsids: (91) Communication Devices Inc – See Also Communications Audit ?

Directors: (91) Paul.S Bloch (MD)

Source Ref: Copex 86 Catalog, Copex 87 Catalog, Copex 88 Catalog, Copex 89 Catalog, COIN 90, Co Info 91, COPEX 91 Cat, FIS South America 93, FIS UAE 94, FIS Saudi Arabia 94 Exhibition: Copex 87, Copex 88, Copex 89, Copex 90, Copex 91, Copex Miami 91

Export/Imports:

Co info 91 – Exports to 24 countries including the US – now has a US subsidiary.

FIS South America 93: Listed as having exports of "telecom equip" to South America. Value less than 1 million. No further details.

FIS UAE 94: "telecom equip". Contact Ms R Wronsca. Value less than 1 million.

FIS Saudi Arabia 94: Listed as exporting "telecom equip". Value less than 1 million. Contact Ms R. Wronsca.

Additional Information:

FIS S. Am 93: "Telecom equip". Contact Mrs R Wronsca.

COPEX Miami 91 – Telephone monitoring system, Facsimile Monitoring & Telex Monitoring Systems.

Copex 87: Professional communications monitoring equipments for police, national security and intelligence gathering applications. Facsimile monitoring system provides a printed copy of intercepted facsimile transmissions, Digital storage is provided for subsequent crypto analysis. Telephone Monitoring System features target number surveillance, variable speed playback, ring counter and touch screen control. Telex monitor system.

Copex 86: Telephone and Telex Monitoring equipment. Communications Devices Ltd along with Kudelski SA will exhibit: Advanced technology telephone monitoring

systems with touch-screen controls, automatic target number recognition and alarm, 12 hours recording capacity, on tape and printer date/time and called number recording and selective, variable speed playback with automatic pitch correction. High capacity telephone monitoring systems incorporating compacting techniques which group monitored lines by category, reduce the numbers of records required, cost and space. Multiple line facsimile monitoring systems to intercept and record CCITT class 2 and 3 automatic and manual transmissions. Compact, professional quality body worn tape recorders.

Computing Devices Eastbourne Ltd

Castleham Road
St Leonards on Sea,
East Sussex TN83 9NJ
UK

Tel: 01424 853481 Tlx: 95568 Fax: 01424 51520

Source Ref: Copex 89 Catalog, BAEE 90,IPEC 90 Catalog, FIS Thailand 93, FIS UK Exporters 93, FIS Malaysia 93, FIS Singapore 93, FIS Saudi Arabia 94, JDW 10/9/94, DMA List 95 Exhibition: Copex 89, BAEE 90, IPEC 90, Farnborough 94

Export/Imports:

FIS 93 – "Computing systems" to Thailand (1).

FIS Malaysia 93: Listed as exporting "Computing systems" to Malaysia. Value between 1–10 million. Contact Mr W Hedges.

FIS Singapore 93: Listed as exporting "Computing systems". Value between 1–10 million. Contact Mr W Hedges.

FIS Saudi Arabia 94: Listed as exporting "computing systems". Value between 1–10 million.

Additional Information:

DMA List 95: Airborne reconnaissance management and weapon control systems, reconnaissance exploration ground facilities, airborne computers, video and digital recorders, target trackers, image processing, digital mapping, minewarfare command and control and structural health monitoring.

FIS 93 – "Computing systems"

Video * Image Analysis.

IPEC 90 – FLIR 2000 Infra Red Thermal Imaging Equipment currently in service with Sussex & Strathclyde police forces. (Forward Looking Infra Red).

Conjay Firearms & Ammunition Ltd

Box 582, Unit4, 765–7 Harrow Road
London NW10 5NZ
UK

Tel: 081 960 6879 Tlx: 262165 CONJAY G Fax: 081 960 2411

Subsids: (93) Conway (Conjay ?) Arms Co Ltd (IDD 93)

Directors: (93) GD Conway (Chr), G. Sang (MD)

Source Ref: Copex 86 Catalog, Copex 87 Catalog, Copex 88 Catalog, Copex 89 Catalog, COIN 90, Co Info 90, Copex 90, Copex 91, Copex 93 Catalog, International Defence Directory 93, Copex 94 Catalog Exhibition: Copex 86, Copex 87, Copex 88, Copex 89, Copex 90, Copex 91, Copex 93, Copex 94

Export/Imports:

COPEX 91 – Sole Importers & Distributers for Israel Military Industries.

IDD 93 – Representatives for ELBIT, ELPAM, IIBR, ISPRA, Israeli Military Industries (IMI), ORTEC – Israel. Ramine (USA).

Copex 94: Distributers for Safari Arms, Olympic Arms, Wesson Firearms, Wildley Magnum, Mossberg Shotguns,

Additional Information:

Copex 94: Conjay Firearms & Ammunition Ltd are experts in the field of Defence, Counter-Terrorism, Anti-Riot and Emergency Services. We are able to offer and procure a variety of equipment designed to meet any or all of the above needs from a wide diversity of manufacturers. Conjay specialises in the procurement of:.

Copex 93: "are experts in the field of Defence, Counter-Terrorism, Anti-Riot and Emergency services. We are able to offer and procure a variety of equipment designed to meet any or all of the above needs from a wide diversity of manufacturers.

IDD 93 – Importers & distributors of defence, anti-terrorist, and anti-riot equipment.

COIN 90 – Conjay is the dealer for ISPRA, CBAP Armor piercing, CBK / CBXX Low Penetration bullets – which inflict massive trauma, UZI & GALIL Silencers, CS / CN Sprays, Grenades, Rubber Ball grenades, Stun Grenades. Large Contractor for East & West – Government & Commercial customers.

Copex 86: Sole importers and distributors for the UK for the range of security products of Israel Military Industries. This includes ammunition for pistols, sub-machine guns, rifles, machine guns as well as their component parts (cases, bullets, primer and propellants). The full range of weapons are also handled. Semi automatic Uzi (9mm and 45 ACP), Uzi Pistol, the Desert Eagle Pistol (357 Magnum

and 44 Magnum), Galil Assault Rifle. Additional equipment for the weapons, such as additional magazines, bayonets, silencers, illuminators and telescopic sights. Military rifle grenades, both bullet-trap and original, as well as Stun, illuminating and Anti-riot grenades loads with rubber slugs. Ispra's full list of CS/CN products are offered, including the unique Model 5 Projectojet, which is able to launch a CS/CN mist at a specific target. Nimrod Sniper's Telescopic sight (as used on the Galil rifle).

Conjay has also been active with further original research into the field of specialised ammunition. Both the Armour-piercing and Low-Penetration CBAP Mark 1 and CBX mark 7 have been developed to the point where they are entering a limited scale mass production.

Continental Microwave Ltd

1 Crawley Green Road
Luton Bedfordshire LU1 3LB
UK

Tel: 0582 424233 Tlx: Fax:

Holding Co: (92) Falcon Equipment & Systems Ltd.

Source Ref: IPEC 91 Catalog, DMA List 92, FIS Indonesia 93, FIS Taiwan 93, FIS South Korea 93, FIS Australia 93, FIS Hungary 93, FIS Czechoslovakia 93, FIS Singapore 93, FIS UAE 94, FIS Saudi Arabia 94, FIS Turkey 94, FIS UK Exporters 94 Exhibition: IPEC 91

Export/Imports:

FIS UK Exporters 94: Listed as exporting "telecom & broadcasting equipment" to the following countries: Spain/Portugal, Italy, Far East & Australasia, Middle East, USA, Holland/Belgium, Germany, France, Mediterranean (comprising Algeria, Cyprus, Egypt, Libya, Malta, Morocco, Tunisia, Turkey), Nigeria and West Africa, Western Europe, Scandanavia, South Africa, Eastern Europe, Central America & Carribean, Australia, South East Asia (Comprising of Hong Kong, Singapore, Malaysia, Indonesia, Philippines, Thailand), Switzerland, Irish Republic, Greece, India & Pakistan. Valued between 1–10 million.

FIS 93 – "Telecommunications and broadcasting equipment" to Indonesia. (1)

FIS Taiwan 93: Listed as having exported "telecom and broadcast equipment" to Taiwan. Value between 1–10 million. Contact Mr. P Burnage.

Additional Information:

IPEC 91 – High Performance Video, data microwave links from point to point, air to ground surveillance applications. MMT series of miniaturised transmitters and receivers.

Co Info 8/92 – Now part of Falcon Equipment & Systems Ltd.

FIS 93 – Telecom & Broadcasting equipment.

Cossor Electronics Ltd

The Pinnacles
Harlow Essex CM19 5BB
UK

Tel: 0279 26862 Tlx: 81228 Fax: 0279 410413

Holding Co: (93) Raytheon UK Ltd – Raytheon Corp (USA), (89) Raytheon Subsids: (93) Cossor Identification Systems Ltd

Turnover: (93) 55M, (90) 50M

Directors: (94) Sir Kenneth MacDonald (Chr, RA Ripper, LP Motta, BA Callaghan

Source Ref: CAAT 9/6/88, p5, BAEE 88 Catalog, BDEC 89, DMA list 92, Who Owns Whom 93, Electronics Tiomes 17/6/93, p4, International Defence Directory 93, FIS Australia 93, Key British Enterprises 94, DMA list 95 Exhibition: BAEE 88

Export/Imports:

CAAT 9/6/88: Supplied Transponders, value $800,000 to Abu Dhabi (UAE).

KBE 94: Markets listed as W.Europe, Middle East, USA, South America, Africa, S&SE Asia, Australasia, Canada.

Additional Information:

DMA list 95: High technology electronic products including information friend or foe (IFF) systems, signal processing, secure communications systems, global positioning systems, and project services.

KBE 94: Designers and manufacturers of civil and military identification radar systems for ground, airborne or shipborne use. Secondary surveillance radar systems. Radar data processing and display systems. Specialised test equipment. Ground to air VHF and UHF Radios. C4 Terminals, electronic teleprinters and modems for use on HF circuits. Cryptographic equipment. Field and base service and training and project management services. Trade Names: Condor, Falconer, Circe, Microcos, Thermatrak.

Electronic Times 17/6/93: Instrument Landing equipment and 'Fried or Foe Identification equipment.

IDD 93: SSR (single wideband radio), IFF (identification Friend or Foe systems), precision approach radar, communication & other electronic systems

IFF850/4 Interrogator system – the total system comprises interrogator, antenna and video processor providing data to the fire control system.

CRS390/4 Interrogator, CRS389 antenna, CRS379 antenna, CVP190 multi-role video processing system (MRVP). Automatic data processing,

In addition to its broad secondary surveillance radar (SSR) and identification friend-or-foe (IFF) systems, Cossor Electronics is one of Europe's leading manufacturers of transponders and airborne interrogators.

Crisis International (Special Operations Group)

London
UK

Tel: 071 401 8324 Tlx: Fax: 071 401 8316

Source Ref: Int Herald T 1/11/91

Export/Imports:

IHT 1/11/92 – Special operations worldwide, ex military, police, forensic, de bugging, sweeping experts available for close protection, counter industrial espionage.

Additional Information:

IHT 1/11/91 – Special Task Force for protection in Ireland – London Headquarters. Highest level of confidentiality assured

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D Sig (Defence Security Intelligence Group)

3rd Flr, Riverside N, Metropolitan Wharf
Wapping Wall London E1 9SS
UK

Tel: 071 481 4925 Tlx: 884142 LYNCHEG Fax: 071 481 2225

Source Ref: COPEX 92 Cat

Exhibition: COPEX 92

Export/Imports:

COPEX 92 – Currently provides services to Government depts & corporations around the world.

Additional Information:

COPEX 92 – Corporate, Maritime, Aviation & International response services. Electronic Counter measures, Specialised Products & Techniques, Computer intelligence systems & services. Response services risk insurance polices. Nine departments provide services ranging from Specialist security operations & training to Electronic Technical Assistance & IT Support.

Davin Optical Ltd

9A Chester Road,
Borehamwood Hertfordshire WD6 1LD
UK

Tel: 081 905 1414 Tlx: Fax: 081 207 6581

Directors: 12/7/91 – D.J.J Holland (MD) E.J Judd, J. Knowles, K.C. Berry,

A.J. Harrison

Source Ref: International Law Enforcement vol2,10 (85), p15, Copex 86 Catalog, Copex 87 Catalog, Copex 88 Catalog, Copex 89 Catalog, COIN 90, Intersec / Co Info 7/91, COPEX 91 Catalog, Copex 92 Catalog, COIN 92/3, International Defence Directory 95 Exhibition: Copex 85, Copex 86, Copex 87, Copex 88, Copex 89, Copex 90, Copex 91, Copex 92 Export/Imports: Intersec / Co Info – In service with British army & police & a number of overseas customers.

Additional Information:

IDD 95: Surveillance & identification systems, TV, ground based;

COIN 92/3 – Night vision equipment, infra-red flash guns, Minimodulux night vision, SH218 hand-held viewer, Maxilux M and Maxilux P night vision systems, Spylux personal night viewer.

COIN 90 – Modulux Nigh vision equipment, MH 218 Dual Role light weight military viewer, SH 218 Hand Held, SPYLUX Personal night viewer, IRS-218 Night rifle sight – Minilux Low cost modular night vision system –

IRSPECT Document Forgery Detector, Developed with Police Scientific Research & Development Branch at the Home Office.

COPEX 90

Intersec /Co Info – Modulux 130, Spylux.

Copex 88: Have supplied specialised Night Vision equipment to the British Army and Police Force and to over 20 countries. MiniModulux night observation equipment.

Copex 86: Specialises in the design and manufacture of night vision equipment with particular emphasis on security and intelligence gathering applications. Modulux 130 – a modular night vision system for night photography, SH 218 a hand held viewer, Spylux, IRS 218 a low profile, night rifle sight.

ILE vol 2,10 (85): Exhibiting at COPEX 85. A number of night vision systems Spylux Personal Night Scope.

De La Rue Printak

**De La Rue House,
PO Box 10 Basingstoke
Hampshire RG21 2EL
UK**

Tel: 256 29122 Tlx: Fax:

Source Ref: Press Release 87, COIN 90, FIS 91 Indonesia, BOTB Singapore 91

Exhibition: Asia Security 91

Export/Imports:

CO Info 87 – Fingerprint equipment sold to Brazil, Canada, Indonesia, Norway, Venezuala, Switzerland.

FIS 91 – Indonesia.

BOTB Singapore 91: Represented at Asia Security 91 by Diethelm Singapore Pte Ltd.

Additional Information:

Leading supplier of Automated Fingerprint identification systems Phototrak (TM) – Photo storage & retrieval system. Tel-Ident – Image transmission system, Orion Automated Fingerprint identification system.

Dennard Ltd

**55 Fleet Road
Fleet, Aldershot
Hampshire GU13 8PN
UK**

Tel: 0252 614884 Tlx: Fax: 0252 626013

Source Ref: Int'l Law Enforcement Vol2, 85, FIS Australia 93, FIS UAE 94, FIS Saudi Arabia 94, FIS Turkey 94 Exhibition: Int'l Security Essen 84

Export/Imports:

FIS Australia 93: Listed as exporting "CCTV equip". Value between 1–10 million

FIS UAE 94: "CCTV equip". Value between 1–10 million. Contact Mr R Howell.

FIS Saudi Arabia 94: Listed as exporting "CCTV equip". Value between 1–10 million.

FIS Turkey 94: Listed as exporting "CCTV equip". Value between 1–10 million.

Additional Information:

ILE Vol2 85: Components for surveillance, camera housings, infra-red illuminators, Control units and remote video sequencers.

EEV Night Vision Systems Ltd

**106 Waterhouse Lane
Chelmsford,
Essex CM1 2QU
UK**

Tel: 0245 493493 Tlx: 99103 Fax: 0245 492492

Holding Co: (92) General Electric Company plc Subsids: (94) EEV Inc (USA), EEV Canada, EEV France

Directors: (95) M Mandl (Vice Chair)

Source Ref: BAEE 88 Catalog, Securex 89, COIN 90, Co Info 12/91, FIS Indonesia 91,93, COIN 92/3, FIS UK Exporters 4/93, IPEC 93, Copex Catalog 93, FIS South America 93, FIS China 1993, FIS Australia 93, FIS Hungary 93, FIS Czechoslovakia 93, FIS Singapore 93, FIS Turkey 94, Copex 94 Catalog, Co Info 11/94, DMA list 95 Exhibition: BAEE 88, Securex 89, IPEC 93, Copex 93, Copex 94

Export/Imports:

Co Info 12/91 – Agents/Distributers in 49 countries including: Brazil, Chile, India, Indonesia, Jordan, South Korea, Malaysia, Pakistan, Rumania, Singapore, Taiwan, Thailand, Turkey, Yugoslavia.

FIS 91, 93 – "Electronic components and systems" to Indonesia (10)

FIS UK Exporters 93 – Listed as exporting "electronic components and systems" to the following countries or regions (contracts valued at over 10 million):

FIS China 93: Listed as exporting "electronic components & systems" to China. Valued at over 10 million.

Additional Information:

Co Info 11/94: Nitewatch Plus night vision system.

IPEC 93 – Exhibiting the rugged, compact 'Nite-Watch Plus' night vision system. EEV also manufacture a range of specialised CCTV cameras and Thermal Imaging devices as well as solid state devices for the reliable initiation of shock tube.

Co Info 8/92 – P2000, P3000 Nitewatch.

COIN 92/3 – EEV CCD Cameras – PS46810 cameras, EEV P2000 Nite-watch.

COIN 90 – P4430 Portable Thermal Imaging camera, EEV Photon CCD Cameras, LION (Lightweight Individually operated night) Sight.

SECUREX 89 – Sentinel Monochrome Camera, PS46077 Photon Intensified Sentinel

Camera.

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Fernau Avionics Ltd

Unit C, Airport Executive Park
Presidents Way,
Luton Bedfordshire LU2 9NY
UK

Tel: 0582 483111 Tlx: 894570 FERNAU G Fax: 0582 484404

Source Ref: BAEE 88 Catalog, Copex 88 Catalog, JDW 11/11/89, p1017, COIN 90,INTERSEC 9/91, FIS South America 93, FIS Australia 93 Exhibition: Copex 88, BAEE 88, Copex 89

Export/Imports:

FIS S. Am 93: Listed as exporting “aeronautical equipment” to South America. Value between 1–10 Million.

FIS Australia 93: Listed as exporting “aeronautical equipment”. Value between 1–10 million.

Additional Information:

FIS South America 93: “aeronautical equip”

INTERSEC 9/91 – Police Interview Recorder Type 611.

COIN 90 – ESM Systems (Electronic Surveillance & Monitoring), SAF-R21 General Purpose Surveillance Receiver.

JDW 11/11/89: Security through Technology. Radio Surveillance, Direction Finding, Voice and Data, Software Control, Systems designed to meet Customers specific requirements.

Rapid deployment Surveillance station in the field, Operator position showing an SAF-R21 type receiver and associated equipment, Fixed site ESM station – antenna array. Modern military forces need rapid intelligence on hostile intentions, much of which can be gathered from Radio Traffic activity. The FAL Radio Surveillance systems rapidly scan wide bands of radio spectrum, detecting, analysing and recording data and voice transmissions. Direction finders used with auto-triangulation systems give range and bearing of source.

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Ferranti Computer Systems Ltd

(Cheadle Heath Division)
Birdhall Lane
Cheadle Heath,
Stockport Cheshire SK3 0XQ

UK

Tel: 061 428 0771 Tlx: 666803 FERCHE Fax: 061 428 9121

Source Ref: FIS Australia 93

Export/Imports:

FIS Australia 93: Listed as exporting “defence simulators and computer systems”.

Additional Information:

FIS Australia 93: Defence Simulators & computers.

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Ferranti Defence Systems

Western Road
Bracknell Berkshire RG12 1RA
UK

Tel: 0344 483232 Tlx: Fax: 0344 861003

Source Ref: Co Info 8/74, JDW 22/4/89, FIS Saudi Arabia 94

Export/Imports:

FIS Saudi Arabia 94: Listed as exporting “control systems”. Value over 10 million. Contact Mr B Rowland.

JDW 22/4/89: Undisclosed amount from Royal Thai Air Force for Nite-op night vision goggles.

Additional Information:

FIS Saudi Arabia 94: “Control systems”

JDW 22/4/89: Ferranti Defence Systems, Electro-optics division. Nite-op NIght vision goggles.

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Ferranti Plc

UK

Source Ref: CAAT 6/89

Export/Imports:

CAAT 6/89 – NITE-OP Night vision goggles to Thailand.

Additional Information:

See also other entries for Ferranti subsidiaries.

Gallant Ordnance

St George's Mews,
43 Westminster Bdge Rd
London SE1 7JB
UK

Tel: 071 620 2808 Tlx: 261804 Galant G Fax: 071 620 2799

Source Ref: IDD 87, BAEE 88 Catalog,COIN 90, JDW 7/7/90, p27, Co Info 12/92, Copex 92 Catalog, International Defence Directory 93 Exhibition: BAEE 88, Copex 92

Export/Imports:

JDW 7/7/90: $2,850,000 to supply anti-aircraft ammunition to an unspecified member-state of the South African Development and Co-operation Committee (SADCC).

Co Info 12/92 – "leading international supplier of Internal Security equipment to Police & Paramilitary forces worldwide. We specialise in meeting the needs of security units involved in anti-terrorist, civil disorder, and counter-insurgency operations."

GEC Marconi Command & Control Systems Ltd

Hillend Industrial Park Dunfermline
Fife, Scotland KY11 5JE
UK

Tel: 0383 822131 Tlx: 727445 MCCSHE Fax: 0383 824401

Holding Co: (94) GEC Plc

Source Ref: Copex 87 Catalog, CAAT 11/8/88, p6, CAAT Newsletter 10/9/89, p5, JDW 8/6/91, p982, Co Info 11/91, FIS Thailand 93, FIS South America 93, FIS China 1993, FIS Taiwan 93, FIS Malaysia 93, FIS 93 South Korea 93, FIS Indonesia 93, FIS Australia 93, FIS Hungary 93, FIS Czechoslovakia 93, FIS Singapore 93, FIS UAE 94, FIS Saudi Arabia 94, FIS Turkey 94 Exhibition: Copex 87, RNEE 89, Milipol 91

Export/Imports:

FIS 93 – "electronic systems" to Thailand (10)

FIS S. Am 93: Listed as exporting "electronic systems" to South America. Valued at over 10 million.

FIS China 93: Exporting "electronic systems" to China. Valued at over 10million.

FIS Taiwan 93: Listed as exporting "electronic systems" to Taiwan. Valued at over 10 million.

JDW 8/6/91: Undisclosed amount for contract with Spain to fit a Type 282 ranging

radar to a MSG MSP 2000 electro optical tracking system for use on a Government test site facility.

Additional Information:

FIS S. Am 93: "electronic systems"

Co Info 11/91: Marconi Mace: Computer application for the police. An acknowledged leader in the provision of data handling and management systems to central and local government and agencies worldwide. Major supplier of complex military systems requiring a guaranteed high level of performance and reliability.

Command & Control: Incident Logging, Incident Handling, Linked incidents, local information facility action plans, Street index, address matching, historical information, resource availability, duty plans.

Crime intelligence: Available option to complement crime system: including Force records facility with interface potential for possible future Network and PNC proposals.

Present developments: Computerised fingerprint/photographic registration providing automatic searching facilities. Data exchange between applications to consider interface between Administration Support Departments – Custody Suite – Court's system. Interface links to command and control for practical operational application.

Copex 87: The Marconi Thermal Imager HHI 8 for observation day and night, in total darkness, smoke, mist or fog. Hand Held or platform mounted.

GEC Sensors Ltd,

Electro-optical Guidance Division
Christopher Martin Road
Basildon Essex SS14 3EL
UK

Tel: +44 268 522822 Tlx: 99225 Fax: +44 268 883140

Holding Co: (93) GEC plc

Source Ref: COIN 92/3, Copex Catalog 93, British Defence Equipment Catalog (BDEC) 95, Exhibition: Copex 93

Export/Imports:

COIN 92/3 – Multi-role Turret (Thermal Imaging Surveillance system) exported/in use with Royal Hong Kong Auxiliary AF S76 helicopter.

Additional Information:

COIN 92/3 – Thermal Imaging Common Modules (TICM) – This is a multi platform modular thermal imaging system which is now in large scale production for the UK MOD – over 2000 sets have been supplied to Army,Navy, Air Force & throughout

the world. Multi-role turret (MRT-S) is a versatile, compact thermal imaging system suitable for helicopter & fixed wing aircraft (subsonic) – system is currently in production for search & rescue, economic exclusion zone, maritime patrol, general security and border surveillance operations. In use with Royal Hong Kong Auxiliary AF S76 helicopters.

Sea Owl Passive Identification device.

Hel-Tele TV system for helicopters – is a broadcast standard television surveillance system designed for mounting in a helicopter. The system provides long range, real-time airborne surveillance to meet the requirements of the Police, military, para-military, civil and other security forces. Heli-Tele consists of a colour camera with a high magnification zoom lens, mounted on a gyro stabilised steerable platform. The operator can steer the camera & adjust the zoom. Video information is transmitted to any number of ground stations via an microwave link – which has a range of 90km. A thermal imaging sensor is available for night time/ bad light operations.

Phoenix Termal Imaging System – Remote piloted Vehicle (RPV) – integrated battlefield surveillance system.

Thermal Imaging Surveillance System – based on the V3900 Thermal Imaging sensor – this system provides 24hr long range detection & identification.

PYRO 2000 Handheld Thermal Camera.

Copex 93: Pyro 2000 Handheld Thermal Camera on display.

BDEC 95: Thermal Imaging Systems for naval applications. V3900 series thermal imaging sensor, Periscope systems.

Thermal imaging systems for weapon aiming, fire control and surveillance. Land Vehicle sights: GEC Marconi Avionics, Sensors division produce a comprehensive range of sights and sensor systems designed for installation in armoured fighting vehicles.

Modular thermal imaging sensors (M-TIS). SS600 series 3 thermal imager is used as primary sensor for long-range passive surveillance and reconnaissance systems. Search & Track sensors

Hand held thermal camera: Pyro 2000.

GPT Ltd (GEC Plessey Telecom)

Edge Lane
Liverpool Merseyside L7 9NW
UK

Tel: 051 228 4830 Tlx: 629267 GPT-SX Fax: 051 254 4586

Source Ref: MEED 6/12/91, p20, Engineer 30/1/92, p6, Electronics Times 27/2/92, p1, Electronics Times 2/4/92, p10, Electronics Times 25/6/92, p6, European 22/11/92,

p39, Electronics Times 18/2/93, p28, FIS Australia 93 Computing 9/95

Export/Imports:

MEED 6/12/91: GPT has won contracts worth approx 4 million for the supply of telephone equipment as part of Kuwait's Communication Ministry's programme of reconstruction. GPT will supply its System X digital exchanges with 10K customer and 3K trunk lines.

Engineer 30/1/92: GPT, lobbying to rescue two multi million pound equipment contracts with the Kenyan Government.Also trying to rescue the first 60 million tranche of an order for several hundred System X and smaller exchanges, following the UK Government's decision to end export coverage to Kenya. The other contracts relate to a microwave equipment (25 million) and a 7 million contract for a payphone factory.

Elec Time 2/4/92: GPT has opened offices in Beijing to help expand take up of System X in China, where there are already some System X exchanges. Contracts worth [[sterling]]40 million have been signed for the supply of these systems

Elec Times 25/6/92: GPT set up venture with Indian Trading Company KK Birla to supply India's Department of Telecommunications with a System X switch.

European 22/11/92: GPT (UK) is completing the installation of the System X telephone exchange in St Petersburg, Russia, to start early Decmber 1992. British Telecom will carry overseas calls using satellite equipment.

Elec Times 18/2/93: Contract placed by Ningbo Posts and Telecommunications Bureau to set up network of 500 base stations and control equipment around the city of Ningbo, in the eastern Chinese province of Zhejiang.

FIS Australia 93: Listed as exporting "telecom equip".

Additional Information:

Engineer 30/1/92: GPT manufacturer of System X telecommunications system. Supplied to a wide range of countries.

Over the last ten years BT has spent some 3 billion on System X digital exchanges.

Electronics Times 18/2/93: System X manufactured at GPT's Edge Lane site in Liverpool.

Hagen Arrow

Business Park, 23A Shawbank Road
Lakeside, Redditch Worcestershire B98 8YN
UK

Tel: 0527 514888 Tlx: Fax: 0527 514335

Directors: (93) MCC Wood

Source Ref: Security Phonebook 93, FIS Saudi Arabia 94

Export/Imports:

FIS Saudi Arabia 94: Listed as exporting “security equip”. Value less than 1 million. Contact Mr M.C.C Wood

Additional Information:

FIS Saudi Arabia 94: “Security equip”. Check links with Hagen Electronics and Hagen Cy-Com...

Security Phbk 93: Manufacture of covert surveillance equipment for radio and sub-contract electronics manufacture.

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Hagen Electronics Ltd

Batts Lane, Ottery Street
Devon
UK

Tel: 040 481 3858 Tlx: 42452 HAGEN G Fax:

Source Ref: Copex 86 Catalog, Copex 87 Catalog, CAAT 14/4/88, p5, Copex 88 Catalog Exhibition: Copex 86, Copex 87, Copex 88

Export/Imports:

Copex 86: Hagen Electronics are the sole UK distributor for Signalling Technology (PTY) Ltd (South Africa ??) who specialise in the CTCSS and tone sequential calling.

CAAT 14/4/88: 500,000 contract for covert surveillance equipment for undisclosed overseas customer.

Additional Information:

Copex 87: Covert accessory products for use by police forces, drug enforcement officers and military personnel. Produce a complete range of miniature microphones, inductively coupled earphones, covert PTT switches.

COPEX 86 – Design, development & manufacture of covert surveillance equipment. Present product line includes miniature microphones, PTT, transducer coils, inductive earpieces and headsets. Of particular interest is the SKH surveillance harness which includes microphone, PTT and coil and is used in conjunction with the RE1 wireless earphone. The surveillance harness is in wide use with security agencies throughout Europe.

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Hall & Watts Ltd

266 Hatfield Road
St. Albans Hertfordshire AL1 4UN
UK

Tel: +44 727 59288 Tlx: 267001 WATTS G Fax: +44 727 35683

Subsids: (93) Anglo Swiss Optical Co. Plc, (91) Hall & Watts Int’l Ltd

Source Ref: BAEE 88 Catalog, COIN 90, COIN 92/3, FIS Singapore 93, British Defence Equipment Catalog (BDEC) 95 Exhibition: BAEE 88

Export/Imports:

FIS SIngapore 93: Listed as exporting “military optics”. Value between 1–10 million.

Additional Information:

BDEC 95: Weapon sights for direct and indirect fire. Air defence sight RC-25 – the Watts RC-25 sight has been designed for cost-effective unit power reflex collimator sight for machine guns or cannons on pintle or other mountings. Other variants have also been developed: RC24 for close quarter battle (CQB) rifle sights, RC26 as an optical sighting system for the 40mm automatic grenade launcher.

The NATO Sotck No for the.50 cal RC25 is 1240-99-839-8105.

Wildcat rifle sight (NSN 1240-21-906-8151) is a second generation optical sight. Adopted as the standard combat sight for the Canadian armed forces on M16 and Minimi. It is suitbale for all rifles and light machine guns.

W401 image-intensified night observation device.

CA21 indirect fire weapon sight unit (NATO ref no 1240-21-876-5058). The CA21 has been designed for medium and heavy mortars and machine guns in the sustained fire role.

COIN 92/3 as for COIN 90

COIN 90 – W401 Night observation device, Watt’s Dry Zero Device.

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Hawker Siddeley Dynamics & Engineering Ltd

Manor Road
Hatfield Hertfordshire
UK

Source Ref: SW Thesis 87, BAEE 88 Cat, DMA List 92, FIS South America 93

Exhibition: BAEE 88

Export/Imports:

FIS S.Am 93: Listed as exporting “monitoring equipment” to South America.

Additional Information:

SW87 – Night vision cameras, image intensifiers & rifle sights.

FIS South America 93: “Monitoring equipment”

Hawkeye Systems Ltd

25 Bury Mead Road
Hitchin Hertfordshire SG5 1RT
UK

Tel: 0462 52712 Tlx: 825004 HAWK I G Fax:

Holding Co: (90) Interdom Group

Source Ref: CAAT 14/4/88, p5, Copex 88 catalog, COIN 90

Exhibition: Copex 88

Export/Imports:

CAAT 14/4/88: Hawkeye recently supplied portable night-vsion surveillance telescopes to Undisclosed Middle East Police Force.

Additional Information:

COIN 90 – Model HT4 Thermal Imager, Hawkeye Vehicle / Airborne Surveillance systems, Model HT10 Thermal Imagers.

Imagebase Technology Ltd

Research House, Fraser Road
Perivale Middlesex UB6 7AQ
UK

Tel: 081 991 1396 Tlx: Fax: 081 991 2698

Source Ref: Copex 93, Co Info 11/93 (Copex), INDEPO 94 Catalog, JDW 10/9/94, Copex 94 Catalog Exhibition: Copex 93, Indepo 94, Farnborough 94, Copex 94

Export/Imports:

Co Info 11/93: Imagebase Photofone exported to the following countries / organisations: CIA, Customs & Excise (UK), DEA (Drug Enforcement Agency), FBI, Immigration (Antilles, Bahamas, Belgium, Canada, Denmark, Germany, Holland, Mexico, Portugal, UK, USA),

Interpol (Austria, Bahrain, Belgium, Denmark, France, Holland, Italy, Sweden, Switzerland, UK), Metropolitan Police (UK), Ministry of Justice (Japan),

Police (Denmark, Germany, Holland), Royal Canadian Mounted Police RCMP

Images transmitted include Mugshots, Fingerprints, Surveillance Photographs, Travel Documents

Embassies (USA, Canada)

Additional Information:

Co Info 11/93: Imagebase Technology will be presenting the Photophone range of products. The range includes: the Stand-alone Photophone workstation, the PC-Photophone Upgrade Kit, the portable Photophone and the PC based photo database system called Photobank. Also being presented will be the new ruggedised Portable system called Photophone Xtra Duty.

The Photophone is an interactive still video transmission system that sends and receives colour pictures across standard telephone and ISDN lines, via satellites and portable communications. Images can be labelled with text, indicating which picture is of interest.

The photophone is part of an image product portfolio that Imagebase market in the UK. The photobank product uses the latest technology to store and retrieve pictures and text together, and has a variety of applications such as storing pictures of suspects, fingerprints and providing forensic evidence.

INDEPO 94: Photophone still image transmission system. Photobank, an image database, allows photophone or other video images to be captured, stored on a PC system and converted for other PC packages. User groups include law enforcement and immigration authorities, armed forces and Interpol.

Copex 94: Photophone Still Image Transmission system. User groups include the armed forces, law enforcement and immigration agencies and the aerospace industry. Interpol is listed as an user.

Insight Vision Systems Ltd

Unit 1, Merebrook,
Hanley Road Danemoor,
Malvern Worcestershire WR13 6NP
UK

Tel: 0684 310001 Tlx: 334480 INSIGT G Fax: 0684 310510

Holding Co: (90) BP Advanced materials ??

Source Ref: COPEX 86 Catalog, Copex 88 Catalog, Copex 89 Catalog, International Defence Directory 91, IDD 95 Exhibition: Copex 86, Copex 88, Copex 89, Copex 90

Export/Imports:

Copex 89 – Supplying Worldwide for 25 years.

Additional Information:

IDD 95: Surveillance & identification systems, TV, naval,ground-based, airborne; surveillance & identification systems, airborne, naval and ground-based.

IDD 91 – Surveillance & Identification Systems.

COPEX 89 – Displaying BP Advanced materials – Bristol Armour & Melco Products – Body Armour, Helmets, Vehicle Armour.

COPEX 90 – 75 Series Surveillance System, Scout Thermal Sights.

COPEX 86 – Closed Circuit TV (CCTV), Infra red (IR) tubes, Miniature CCTV. Series 75, 80 and 83. The 75 series based in the Miniature CCTV Camera Mk3 is designed for surveillance in adverse conditions. The 80 Series comprises a pyroelectric thermal image plus accessories for use in total darkness, fog or smoke. The 83 Series utilises the Ticam high resolution 1" tube camera with wide choice of tubes such as SIT and ISIT.

Intergraph (UK) Ltd

**Delta Business Park,
Great Western Way
Swindon SN5 7XP
UK**

Tel: 0793 619999 Tlx: Fax:

Holding Co: (91) Intergraph USA

Source Ref: IPEC 91 Catalog, Times 20/9/91, p7, Melbourne Age 14/9/95

Exhibition: IPEC 91

Export/Imports:

Age 14/9/95: Intergraph are both supplying and operating a police command and control system for the Victoria Police in Australia.

Additional Information:

Age 14/9/95: A new command and control system being supplied to Victoria Police, Australia. By 2001, each police car is expected to have a portable personal computer. The PC will link up with the $160 million computer generated call-taking and dispatch system being tested by Intergraph. Using satellite technology every police car in Melbourne will be tracked along screens staffed by civilians. The computers will help operators decide which patrol cars to send to incidents. Thanks to a giant computer driven map of the city being compiled by Intergraph, the operators will be able to

tell police all the relevant details about the address they visit. Officers will know immediately whether, for example, the owner is known to the police or if weapons are inside. Eventually it may provide plans of the house in case of sieges.

Times 20/9/91: Command and Control systems developed by Intergraph (US). The most sophisticated police computer installed in Britain, that should play an important role in tackling inner-city riots was unveiled by the Cleveland police force. The heart of the computer is a geographic information system which, when an incident is restored, can instantly display a map showing streets, buildings and incident's location. The map also shows the locations of police vehicles and officers. Plans to link police vehicles to the system, providing more secure communications than radio and also plans to introduce a facility for tracing telephone calls. The system, developed by Intergraph and supplied to US Forces, is able to turn two dimensional plans of buildings into three dimensional drawings.

IPEC 91: Dispatch management system (DMS) "the most advanced command & control system of its kind in the world" – chosen by Cleveland Constabulary. DMS integrates dynamic mapping into the dispatching process + relational database, also video frame grabber & geographic information system (GIS).

International Computers Ltd (ICL)

**Gorton Factory,
Wenlock Way
Manchester Lancashire M12
UK**

Tel: 061 223 1301 Tlx: Fax:

Holding Co: (94) ICL Hong Kong, (94) ICL Plc, subsidiary of Fujitsu, Japan, (92) Fujitsu (80%), Northern Telecom (Canada) (20%). (91) STC PlcGroup.

Source Ref: Computer Wkly 10/8/78, SW Thesis 87, Co Info 86,87, Phil & Soc Action 12/91, Dirty Work:CIA, FIS Indonesia 91, MEN 15/4/93, Who Owns Whom 93,

Export/Imports:

SW87 – Exported computers used to automate the pass book system in South Africa.

P&SA 12/92 – 588 Computers supplied to S.Africa, Passbook computers came from Control Data Corporation (USA).

FIS 91 – Computer equipment & computers to Indonesia (10+).

Additional Information:

SW85 – Police computers.

Co Info 86 – PINS (Police Information System) for British Transport Police – powerful search facilities on 1.29 million records.

Co Info 87 – Holmes – is a computer application package for the automation of the incident room where it is used by police forces for major incidents. ICL hardware provides a portable, single incident solution for use with the CGS Holmes software.

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IO Research Ltd

**4 Exchange Buildings,
High Street Barnet
Hertfordshire EN5 5SY
UK**

Tel: 081 441 5700 Tlx: Fax:

Subsids: (89) see also Electronic Graphics

Source Ref: IPEC 8/89 Catalog

Exhibition: IPEC 89

Export/Imports:

IPEC 8/89 – Overseas enquiries welcome

Additional Information:

IPEC 8/89: E-FIT Electronic Facial Identification technique – Home Office approved, Sound Psychological basis, connections to image retrieval systems

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J & S Franklin Ltd

**Walbrook Works,
Norlington Road
Leyton London E10 6JY
UK**

Tel: 0171 836 5746 Tlx: 897222 FRNKLN G Fax: 0171 836 2784

Holding Co: (?) J&S Franklin (Holdings and Management Services) Subsids: (?) Franklin equipment Co Ltd, Westminster Warehouses Ltd, Aldwych Supply and Procurement Ltd, Tower Bridge Technical Equipment Ltd, J&S Franklin Electronics Ltd, J&S Franklin Technology Ltd, S&R Ltd, Franklin Air Ltd, Franklin Oil Ltd.

Directors: J.B Franklin (Chr) S.M Franklin (M.D), Directors of J&S Franklin (Holdings and Management Services): David Adrian Franklin (Exports Manager), James Burns Franklin (Chr), Marc Franklin (Exports Manager), Sydney Mark Franklin MBE (MD), Malcolm Bailey Ladell (Co Sec)

Source Ref: Copex 86 Catalog, Co Info 87, Copex 87 Catalog, BAEE 88 Catalog, International Defence Directory 88, IDD 91, IDD 93, IDD 95, Jane's Defence Contracts 1/95, DMA List 95 Exhibition: Copex 87, BAEE 88

Export/Imports:

JDC 1/95: 9.5 million contract to provide a package of predominantly UK equipment to the Indonesian Armed Forces for a medical battalion to be deployed in Croatia and Bosnia. The contract brought together equipment from over 50 companies: 14 Leyland 4 tonne trucks, 48 Land Rovers including 12 armoured ambulances manufactured by S. MacNellie and nine ambulances from Macclesfield Motor Bodies, radio equipment from Motorola,

Additional Information:

DMA List 95: Tents, marquees and allied camp equipment, vehicle awnings and penthouses, sleeping bags, uniforms, camouflage nets and concealment, NBC clothing, shelters, equipment. Body armour.

IDD 95: Batons, electronic; Riot shields; Protective clothing and shelters.

IDD 93 – Electronic Batons, Riot Shields,

Co Info 87 – Tents & camping Equipment, Uniforms & Clothing, Webbing & Personal Equipment. Miscellaneous Equipment – "We manufacture and supply a wide range of military & para-military ancillary equipment." Machetes, Nigth vision equipment – Binocular Goggles, lightweight Weapon Sights, Optical Equipment, Infra-red search light. Radio Equipment – military & civil communications equipment is supplied to suit all requirements. Lightweight man packs with voice or digital transmission: base units, vehicle sets and mobile communications equipment. We supply beacons with voice transmission for Search & Rescue operations. A range of lightweight personal radios and field telephones are available.

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Keymed (Medical & Industrial Equipment) KMI

**Keymed House,
Stock Road
Southend on Sea Essex SS2 5QH
UK**

Tel: 0702 616333 Tlx: 995283 Fax: 0702 465677

Holding Co: (92) Olympus

Source Ref: International Law Enforcement vol 2,10 (85), p14, Copex 86 Catalog, COPEX 91 Catalog, Co Info 12/91, FIS Indonesia 91, Co Info 1/95 Exhibition: COPEX 85, Copex 86, Copex 91

Export/Imports:

FIS Indonesia 91: Listed as exporting "Equipment". Value between 1–10 million.

Additional Information:

ILE vol2,10 (85): Exhibiting at Copex 85. One of the major manufacturers of fibre-

optic surveillance systems. Audioscope, a system involving the use of a rigid endoscope combined with a highly sensitive microphone incorporated in its tip. Designed to enable covert surveillance to be carried out through walls.

COPEX 91: Exhibiting the Olympus range of optical search & covert surveillance equipment. latest fiberscope & borescope kits, including CCTV workstations & body worn rummage kits. Special covert lens systems & periscopes will also be on display.

Leica UK Ltd

Davy Avenue,
Knowlhill Milton Keynes
Buckinghamshire MK5 8LB
UK

Tel: 0908 666663 Tlx: 825475 Fax: 0908 609992

Holding Co: (90) Leica (Switzerland) ?

Source Ref: COPEX 90 Catalog, Copex 91 Catalog, Copex 92 Catalog, Copex 93, IPEC 91 Catalog, International Defence Directory 93, Co Info 10/93 Exhibition: Copex 90, Copex 91, IPEC 91, Copex 92, Copex 93, Copex 94

Export/Imports:

IDD 93 – Anglo Swiss Optical Co. plc (subsid of Hall & Watts) – listed as Sales consultants for special products (military) of the LEICA Co plc for the middle east & Gulf, Africa and Far East.

Additional Information:

Copex 94: Leica is the leading producer in high quality optics. VECTOR high technology binoculars, 7x42. Leica also has a comprehensive range of night vision equipment. BIM25 pocket scope with X1 and the BIM35 with X3 as well as the new BIG25 NVGs and BIG35 Night binoculars.

IPEC 91 – BIM 25 & BIM 35 Pocketscopes, BIG 25 night vision goggles, BIG 35 night vision binoculars. Also on show a range of optical aiming devices, various reflex & telescopic sights, Elcovision – an universal 3D data acquisition system providing Photographic Post Incident Analysis.

COPEX 90 – Exhibiting RV20 Reflex sight developed for Heckler & Koch MP5 in conjunction with GSG9 (Germany) – also range of optical aiming devices – Night vision & thermal imaging devices.

Lynwood Scientific Developments Ltd

Lynwood House, The Trading Estate
Farnham Surrey GUY 9NN
UK

Tel: 01252 734488 Tlx: 858811 Fax: 01252 734466

Holding Co: (94) NAI Technologies, Inc (USA)

Directors: (95) DB Prior (MD), (94) Bill McPherson (Director, Int'l Marketing & Sales, Military Systems Group)

Source Ref: Co Info 7/91, IPEC 4/91, Computing 23/6/94, US Defense Trade Pavilion Buyers Guide (Eurosatory 94), DMA list 95, CAAT News 8/95, p7 Exhibition: Eurosatory 94

Export/Imports:

CAAT News 8/95: Lynwood has a contract valued at 947,000 from AWA Defence Industries (Australia) for 65 RP6000 ruggedised personal computers, 14 monitors and 28 printers.

Additional Information:

DMA List 95: Major supplier of rugged & Tempest computers and peripherals.

Computing 6/94: Awarded a 425,000 contract from Metropolitan Police for replacing 57 existing terminals with 486 machines as part of an overhaul of the Mets Command & Control system. Lynwood will also supply software to allow the PCs to access the mainframe based MetOPs application.

US Defense Trade Pavilion 94: NAI Technologies is a diversified international electronics company with strengths in advanced computer system design and telecommunications. The Codar and Lynwood subsidiaries have made NAI a leading provider of rugged and Tempest computers, peripherals and integrated systems for military and Government applications.

IPEC 91 – Police Computer Systems.

Marconi Radar & Control Systems (Information Systems)

PO Box 133,
Chobham Road
Frimley, Camberley Surrey GU16 5PE
UK

Tel: 01276 63311 Tlx: 858289 MCCS G Fax: 01276 695498

Holding Co: (95) GEC Plc Subsids: McLennan Marine ??

Source Ref: Copex 86 Catalog, BAEE 88 Catalog, BAEE 90 Catalog, COIN 90, FIS Indonesia 91,93, JDW 26/10/91, COIN 92/3, IPEC 93 Cat, FIS Australia 93, IPEC 94 CAtalog, British Defence Equipment Catalog (BDEC) 95, DMA List 95 Exhibition: Copex 86, BAEE 88, BAEE 90, IPEC 93, IPEC 94

Export/Imports:

FIS 91 – Electronic systems & electronic communication equipment exported to Indonesia.

JDW 26/10/91 – 217 Thermal Imaging vehicle sights for Turkey's armoured infantry fighting vehicle programme.

COIN 92/3 – earlier versions of the Marconi Vistar naval day/night surveillance systems are in use in a number of Far Eastern countries.

FIS 93 – "Electronic Systems" to Indonesia. (10)

FIS Australia 93: Marconi Space & Defence Systems Ltd, at Chobham Road site listed as exporting "radar systems, etc".

Additional Information:

DMA list 95: Strategic & tactical command & control, battlefield message handling, artillery fire control, tank turret management and fire control, weapons control radars, long range air defence surveillance radars, naval electronics, simulation & training equipment.

BDEC 95: Electric control systems for naval weapons and power distribution.

Naval radars for surveillance and weapon control. 1800 family of radars, Seawolf radars, 3D radars, Multi-function radar (produced in conjunction with Alenia in Italy).

IPEC 94: STRATEX integrated communications control systems (ICCS).

IPEC 93 – GEC-Marconi Information Systems is a major supplier of Command & Control systems to the Police Forces. The company supplies both switches and information systems to the UK and Overseas Emergency Services. STRATEX is the latest state-of-the-art digital integrated communications control system (ICCS). STRATEX integrates telephone, and radio communications control room equipment and provides operators with a single console presentation, utilizing touch-screen technology. The Company is also a leading supplier of Forcewide, Integrated, Police Database Systems. These systems are developing using SSADM and PRINCE. Applications include Criminal Intelligence, Custody, Crime Recordings, ASU (Area Support Unit), Command and Control.

COIN 92/3 – HHI-8 Hand Held thermal imager. Marconi Vistar IM-405 day/night surveillance system – uses both thermal imaging & image intensification to improve the surveillance capabilities. The Marconi Lightweight Thermal Imager (TI) detects radiation naturally, the McLennan Marine Image Intensifier (II) amplifies the available light by up to 80,000 times.

JDW 26/10/91 Thermal Imaging vehicle sights.

COIN 90 – HHI-8 Hand Held Thermal Imager, Marconi Vistar IM-405 Day/Night Surveillance system.

Copex 86: Marconi High Performance Thermal Imager HHI-8 is the answer to your security requirements, both day or night. Marconi is a major supplier of high technology equipment to UK Government.

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Marconi Radar Ltd

Blackbird Road
Leicester Leicestershire LE4 0AP
UK

Tel: 0533 623821 Tlx: 34398 MCCBRL Fax: 0533 628812

Holding Co: (92) GEC Plc

Source Ref: JDW 15/12/90, p1249, FIS South America 93

Export/Imports:

JDW 15/12/90: Martello radar contract with Malaysia. Offset countertrade handled by Centrotrade (Austria).

FIS S. Am 93: Listed as exporting "radar equipment" to South America.

Additional Information:

FIS S. Am 93: Also Marconi Radar Ltd: Station Road, Addlestone, Weybridge, KT15 2PW. Tel 0932 847282. Fax 0932 824723, Tlx 262329 PLESAD.

Also listed as exporting "radar systems" to South America.

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Miracles of Science

Lawford House,
Albert Place Finchley
London N3 1QA
UK

Subsids: (92) No Hiding Place Ltd

Directors: (92) Philip Winton (Chr) other directorships: Industrial Espionage Ltd (Dissolved), No Hiding Place Ltd, Joseph Winto (Co Sec) other directorships: Industrial Espionage Ltd (appt 3/6/91), No Hiding Place (appt 9/7/91), Laurence Caine Ltd (appt 17/1/91), Wiserose Ltd (appt 15/8/91); (88) Philip Winton – Chr, Joseph Winton (Sec)

Source Ref: Gdn 10.1.88, Co Info 88, DBGB 92

Exhibition: BAEE 88

Export/Imports:

Gdn 10/1/88: PACIFIER 50 000 Volt Stun Gun designed in USA – imported from the Far East.

Additional Information:

Guardian article details imports from Far East of US designed PACIFIER electro-shock weapon.

Co Info 88 – Elite eavesdropper, the Informer – Miniature room bugs from Japan, plug bug 4000, Interceptor 2000, Econobug 2000 – from far East. Able to be received with ordinary FM Radio. Range up to 500ft.

Tell Tape Tap – Telephone Tapping Device, Invisible Ear System 5 – a special microphone & earpiece that can hear through walls. Bug Set System X, Bug Sniffer 8000.

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Miriad International Systems Ltd

PO Box 57
Saffron Walden Essex CB10 2YS
UK

Tel: 0799 24157 Tlx: 9312100163 =TDG Fax: 0799 513808

Directors: (90) Mike Ingham (MD)

Source Ref: COPEX 87 Catalog, Copex 88 Ctalog, Copex 90 Catalog

Exhibition: Copex 87, Copex 88, Copex 90

Export/Imports:

Copex 87 – 88: Exports to north & south America, Europe, Middle & Far East, Australasia. Currently involved with many Governments, military and police forces, Counter Terrorists and intelligence organisations.

Links with Singapore Security Sales and Service Co

Additional Information:

Copex 88: Suppliers of a range of security products for Police, Security and Armed Forces. Laser Fence system giving total vertical as well as long distance coverage. Also suppliers of EOD equipment, Riot Control equipment and other associated security products. Also offer complete turnkey security installations for oilrigs, buildings, underwater installations etc.

COPEX 87: ECM Protector, Laser Spec, Explosive detectors, night vision & Covert video communications, Laser Listener – high sensitivity laser based remote conversation surveillance system – operates despite multiple glass surfaces;

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Nanoquest Defence Products Ltd

Green Park Business Centre
Sutton on the Forest,
York Yorkshire YO6 1ET
UK

Tel: 0347 811234 Tlx: Fax: 0347 811213

U. Hold Co: (93) British Aerospace Plc Holding Co: (93) Steinheil Optronik

Source Ref: Copex 92 Catalog, Co Info 7/93, Co Info 10/93, Copex 93, Copex 94 Catalog, IDEX 95 Catalog Exhibition: Copex 92, Copex 93, Copex 94, IDEX 95

Export/Imports:

Co Info 10/93 – "Customers in more than 20 countries worldwide"

Additional Information:

IDEX 95: Exhibiting as part of national group (UK).

Copex 94: Range of day and night sighting equipment. Steinheil IRIS Thermal Imager – a high performance surveillance and detection camera, ideal for night or day passive observation.

Mobile Surveillance Unit – the company has recently been successful in selling it's new Thermal Imager Mobile Surveillance Unit to a number of UK Government Agencies. These units are based on standard vehicles, usually a Land Rover or 4WD van, and contain all ancillary equipment to allow long-term, independent surveillance missions.

Co Info 10/93 – Sight laser rangefinders, L20, L30, L50.

Lightweight Artillery Sighting Systems – "this highly accurate sighting system is both robust and easy to operate. Adaptors, designed to specific customer requirements, allow easy fitting of the sight systems to guns, howitzers and multi-barrel rocket launchers. Used by Royal Ordnance for their 105mm Light Gun and VESL for their FH70 155mm Howitzer."

"Nanoquest work in close association with Royal Ordnance, GIAT and VSEL in the development of gun laying systems for the next generation of light, high performance artillery weapons."

Nanoquest was acquired in 1990 by Steinheil Optronik (Germany). Steinheil is a manufacturer and supplier of optical sighting equipment including thermal imaging equipment, gyro's, and fuel pumps for aircraft and armoured vehicles.

Co Info 7/93 – Thermal Imaging equipment for Day and Night Sight.

Pathfinder Lighting Products Ltd

**Clifton Technology Park,
Wynne Avenue Clifton,
Manchester Lancashire M27 2HB
UK**

Tel: 0161 794 8137 Tlx: Fax: 0161 794 0157

Source Ref: Co Info 9/90, Copex 89, Copex 90 Catalog, Copex 91 Catalog, Copex 93 Catalog, Co Info 2/95 Exhibition: Copex 89, Copex 90, Copex 91, Copex 92, Copex 93, IFSEC 95

Export/Imports:

Co Info 2/95: UK users of our Night Vision systems include many of the Police forces and the MoD. Our systems are also in use in Europe, Middle East and Asia with Police and Governmental users and are employed in a wide variety of surveillance tasks.

Copex 89: Distributor for B.E Meyers & Co Inc – Dark Invader Nightvision

Additional Information:

Co Info 2/95: Microwave video transmission. Telemetry, Antennas, Pre-amps, Survey TX & RX, Portable Perimeter Protection, Night Vision Devices 2nd & 3rd Gen, IR Laser Illuminators, Moving Colour Video via Telephone lines, Portable searchlights.

BE Meyers Owl Night Vision, Dark Invader.

Portable Microwave Video Link equipment for covet surveillance.

Copex 93: Pathfinder provides a range of equipment for day or night time covert surveillance: including Night Vision equipment and related accessories, Microwave Video Transmission, cameras and lenses. 2nd & 3rd generation Night Vision devices including the OWL pocketscope.

The microwave image and sound transmission devices from Pathfiner have Home Office Type Approval, and have been supplied to many UK and overseas clients for a wide variety of covert applications.

COPEX 89 – Night vision equipment.

Pearpoint Ltd

**Pearpoint House,
Woolmer Trading Estate
Bordon Hampshire GU35 9QF
UK**

Tel: 0420 489901 Tlx: 858948 PEARP G Fax: 0420 477597

Turnover: (88) 3.5 M

Source Ref: BAEE 88 Catalog, Copex 89 Catalog, COIN 90, Copex 90 Catalog, Copex 91 Catalog, COIN 92/3, Copex 93 Catalog, FIS South America 1993, Intersec 7–8/94, p266, Copex 94 Catalog Exhibition: BAEE 88, Copex 89, Copex 90, Copex 91, Copex 92, Copex 93, Copex 94

Export/Imports:

Over 20 Countries including – Japan, USA, Australia, France, Germany.

FIS S.Am 93: Listed as exporting “closed circuit television” to South America. Value between 1–10 million.

Additional Information:

Intersec 7–8/94: Launched a number plate capture system combining an ultra-fast, electronically shuttered CCD camera with an infra red illuminator. The built-in infra red illuminator is invisible to the eye. The system is built to capture clear images, even from dirty number plates, and has a patented technique to eliminate image blooming and smearing effects when exposed to car headlights.

Copex 94: Pearpoint Ltd is a solely UK owned manufacturing company specialising in the design and build of unique CCTV based camera equipment. Since formation in 1983 we have been at the forefront of UK camera design and have been providing unique solutions to both military and police users for over 10 years. Expertise ranges from the use of Miniature cameras, intensifiers and transport cameras to environmentally packaged long range surveillance equipment. At Copex we are exhibiting cameras for the following sectors, 24 hour surveillance, zero lux, transport and confined area inspection. Pearpoint is a X-listed company and holds full ISO9000 quality control status.

Copex 93: the new P328 change over Camera provides a full colour picture under normal light conditions – and the worlds fastest automatic change to intensified image as light fails ensuring no action is missed.

For real-time traffic identification and tracking, the new P304 Number Plate Capture Camera offers highly stable low light image capture. Also the P176 premium performance compact CCD camera.

FIS South America 93: “Closed Circuit Television”. Contact Mr P. Guertler.

COIN 92/3 – P162 covert surveillance camera – P176 high res Miniature camera – has proved very suitable for surveillance applications with a number of European security forces.

COIN 90 – P176 High resolution Miniature CCD camera, P205 Intensified CCD camera, P228 Change over camera, P232 X-Y Scanning camera, P215 Colour camera.

Pilkington Optronics Ltd

Glascoed Road
St Aspah Clwyd LL17 0LL
UK

Tel: 01745 588000 Tlx: 61430 Fax: 01745 584258

Holding Co: (93) Pilkington Plc Subsids: (88) Pilkington PE, Barr & Stroud. Pilkington EO (USA)

Directors: (95) A. Henderson

Source Ref: JDW 8/10/88, CAAT 8/12/88, p6, CAAT Newsletter 10/9/89, p5, BAEE 90 Cat, Copex 91 Catalog, DMA List 92, Copex 92 Catalog, International Defence Directory 93, Copex 93 Catalog, JDW 10/9/94, Copex 94 Catalog, Co Info 11/94, IDEX 95 Catalog, DMA list 95 Exhibition: BAEE 90, Copex 91, Copex 92, Copex 93, Farnborough 94, Copex 94, IDEX 95

Export/Imports:

JDW 8/10/88: recent joint venture with DF Vasconcellos (Brazil) to produce sighting systems.

CAAT 8/12/89: Signed a technology transfer agreement with DF Vasconcellos to manufacture weapon sights and night vision equipment in Brazil.

CAAT 10/9/89: Quantity of surveillance version of Kite weaponsight to New Zealand.

IDD 93 – Agent in Thailand is SAPAC International Co Ltd.

Co Info 11/94: KITE individual weapon sight is in service with the British Armed Forces and with over 40 overseas Military and Security organisations.

Additional Information:

DMA list 95: Optical & electro-optical systems.

Co Info 11/94: Maxi Kite individual weapon sight. The sight can be fitted/supplied with a suitable graticule to fully interface with a weapons ballistic capabilities. The sight is particularly suited for use on Sniper rifles, Heavy machine guns and Shoulder launched/crew served anti-tank weapons. KITE individual weapon sight. KOS (Kite Observation Sight) and MAXIKOS (Maxi-Kite Observation Sight) are the observation only variants of the weapon sights. BINOKITE Night vision binoculars, 2nd or 3rd Generation night sights. JAY Night vision goggles.

Copex 94: One of the world's leading optical equipment companies with sites in St. Asaph, Wales, Glasgow in Scotland (Barr & Stroud), and overseas offices on the East & West coasts of the USA.

Copex 93: Pilkington Optronics employs some 1,400 people with a turnover in excess of 85 million pounds. Pilkington Optronics design, develop and manufacture a range

of state of the art image intensified sights for surveillance and weapon aiming. The present range of products has been developed to meet the demanding requirements of today's military forces throughout the world. Pilkington Optronics are the UK's premier supplier of Optronic equipment to the UK MoD.

JDW 8/10/88: Pilkington Optronics encompasses the activities of Pilkington PE, St Asalph, Wales and Barr & Stroud, Glasgow. While Pilkington Optronics only contributes 5% to the total sales of the parent company, in its own specialist areas of sighting systems, thermal imaging equipment and periscopes the company is a major player.

Pilkington PE Ltd

Glascoed Road
St. Asaph Clwyd LL17 0LL
UK

Tel: 0745 583301 Tlx: 61430 PPE G Fax: 0745 584258

Holding Co: Wholly owned subsidiary of Pilkington Brothers plc

Source Ref: CAAT 13/8/87, p5, CAAT 15/10/87, p4, BAEE 88 Catalog, JDW 9/9/89, p451, COIN 90, Co Info 9/93, FIS China 1993, FIS Taiwan 93, FIS South Korea 93, FIS Australia 93, FIS Singapore 93, Defense News 2/8/93, p12, FIS Turkey 94 Exhibition: BAEE 88

Export/Imports:

CAAT 13/8/87: Undisclosed Far Eastern country – contract for weapon sights.

CAAT 15/10/87: Order for 1 million from Denmark for several hundred KITE individual night vision sights.

JDW 9/9/89: SIG have selected the Pilkington PE Kite MkIV night vision sight for the new SIG 200 SG-550 5.56mm sniper rifles for the Swiss MoD.

FIS China 93: Listed as exporting "optical glass, etc" to China. Valued at between 1–10 million. Contact Mr W. Searle.

FIS Taiwan 93: Listed as exporting "optical glass, etc" to Taiwan. Value between 1–10 million. Contact Mr W Searle.

FIS South Korea 93: Listed as exporting "optical glass, etc". Value between 1–10 million. Contact Mr W Searle.

FIS Australia 93: "optical glass, etc". Value between 1–10 million. Contact Mr W Searle.

COIN 90 – Nova Night vision goggles, Eagle Long range night surveillance, Sabre Security systems – barbed steel tape encasing a fibre optic cable, Kite individual weapon sight, laser target indicator.

Co Info 9/93 – Passive night vision devices. KOS Kite Observation Sight, MaxiKos – Maxi-Kite Observation Sight

Defense News 2/8/93: Pilkington (UK), plans to sell 50% of Pilkinngton Optronics, its defense arm, according to defense sources. Thomson CSF (France) also owns a 50% stake in Pilkington Optronics, which consists of Pilkington PE (UK) and Barr and Stroud (UK). Pilkington PE makes night vision systems amongst other military equipment. Barr and Stroud is best known for making submarine periscope systems and military thermal imaging equipment. Pilkington denies it plans to sell the defense arm.

Defense News 28/2/94: Alenia SpA wins contract for Thermal Camera work. The program is part of the European Long-Term Cooperation in Defense (EUCLID) effort. Alenia are responsible for developing the camera's sensor which is based on a new chip. Teamed with Alenia are Thomson-CSF, Pilkington and Carl Zeiss.

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PK Electronic International Ltd

Neville House,
55 Eden Street Kingston upon Thames
Surrey KT1 1BW
UK

Tel: 0181 541 5211 Tlx: 262 858 PKINT G Fax: 0181 541 5624

Holding Co: (91) MIL Electronics Company Establishment (Leichenstein)

Directors: (92) Derek Alan Myers (appt 2/90), Loutern Nelson (Juthornstrasses 84, 200 Hamburg), also Director of Personal Protection Products Ltd, Timothy John Mason, (Previous Director Paul Nigel Welch (1985–89)

Source Ref: Copex 87 Catalog, Co Info Sheets, Copex 88 Catalog, PK Press Release 22/8/88, International Defence Directory 91, Co Info 9/7/91, Co Info 6/92, Copex 92 Catalog, Co Info Sheet 1/93, Copex Miami 93 Catalog, IDD 93, Copex 93, Copex 94 Catalog, Securex 94 (S. Africa) Catalog, Securex 95 (S. Africa) Info 12/94, IDD 95, Co Info 3/95 Exhibition: Copex 87, Copex 88, Copex 90, IPEC 92, Copex 92, Copex Miami 93, Copex 93, Copex 94, Securex 95 (S. Africa)

Export/Imports:

Securex 94: South Africa representative for PK Electronics is Night Vision Optics.

Offices in Hamburg (Germany), New York (USA) and London (UK).

Co Info 6/92: PK products received by intelligence, police and army departments of more than 40 countries throughout the world.

Additional Information:

Co Info 3/95: PK-115-D Digital Monitoring system is the latest generation of "state of the art" recording systems. Provides facilities to monitor all forms of communication ;

voice, fax, modem, radio communication or data. Offers instant target information.

PK 115-SS Cellular Telephone monitoring system – due to the increased use of cellular telephones by criminals and subversive groups, it has become necessary to provide a system which will effectively lock onto and intercept these calls. PK 115-SS consists of a number of standard models that can be configured. Provides from a min 4 channel to 40 channel system for national network monitoring – provides scanning of all cell site control channels, automatic search for mobile conversations by mobile telephone number or by called number.

PK 2115 Telex Monitoring system, PK 4555 Day & Night camera, PK 5190 Video camera in a Cassette/Radio, PK 825 Quartz 3 Channel receiver, PK 855 Professional RF Detector, PK 1015-SS Professional Receiver, PK 5125-S Pocket CCD Camera with TX/RX: designed for high risk surveillance operations, PK 1405-S Remote controlled Miniature mains powered transmitter available in VHF, UHF or SHF, PK 370 Night vision video camera.

IDD 95: Design,development and manufacture of professional electronic intelligence gathering and security equipment. Procurement services & specialist training courses. Representing PK Electronic International group of companies. Batons, electronic; Riot Shields; Sprays / Dispensers, anti-riot; Water cannons; Explosives / weapon search equipment; Police & Gendarmerie equipment; Fingerprinting equipment; Surveillance & identification systems; surveillance & identification systems, TV;

Copex 94: New range of surveillance and counter surveillance equipment,together with its new monitoring and interception systems for telephone, facsimile, data, cellular and pager networks. PK Electronic International offers a wide range of equipment and services specifically designed to meet the needs of our clients.

IDD 93 – Electronic Batons, Riot Shields, anti-riot sprays / dispensers and aerosols, water cannons, explosives / weapons search equipment, explosives disposal equipment, Fingerprinting equipment, surveillance & identification systems,

Copex 93: The leading supplier of electronic security equipment to governments, Law Enforcement Agencies and Military users worldwide is exhibiting it's latest range of surveillance and counter-surveillance equipment, together with its new monitoring and intercept systems for the facsimile, cellular and pager networks. PK Electronic International offers a wide range of equipment and services specifically designed to meet the needs of our clients. In addition to manufacturing specialist equipment, we can also offer Research & development, Training, Consultancy and Procurement Services.

Co Info 93 – PK 100 Telephone Analyser, Used to record calls from monitored phone lines. PK 855 Professional RF Detector, PK 1220 Telephone Tapping Detector, PK 015 Relay Detector, PK 6675 Telephone Line Guard, PK 195 Digital Voice Changer, PK 870 Miniature Transmitter Detector, PK 695 Tape Recorder Jamming Generator, PK 240S Multi purpose module transmitter. PK1015 Professional Surveillance Receiver, PK 1950 SS Digital (Non Tape) Recorder, PK 845 Telephone Probe "The Extractor", PK 5125 Monochrome Miniature CCD Camera, PK 5190 Video Camera Built into Radio

recorder. PK 1780 Video car Aerial Surveillance System, PK 4555 Day & Night Vision Laser Camera, PK 370 Night Vision Camcorder, Training and consultancy offered on the following areas: Surveillance Techniques, Electronic Tactical Surveillance, Strategic Counter Surveillance, Covert Entry Techniques, Telecommunications Monitoring, Secure Communications networks, Software applications, Optical Day & Night Surveillance, Static & Mobile video observation, Tracking & location. PK also offer project engineering for governments, national intelligence headquarters, securing embassies, to "Nationwide network monitoring of telephone exchanges.

" No 1 Government supplier of surveillance technology". Telephone, Telefax, Telex Monitoring Systems. PK 115-S Computerized telephone monitoring system, PK 1115 Fax-Scan – Telefax Monitoring System, PK 2115 Telex-Watch – Telex Monitoring System, Magsearch.

Links with MIL Electronics – PK used to be based at 47 Upper Grosvenor, Mayfair – Now Address of MIL Electronics.

Co Info 6/92: PK 140-S FM Telephone transmitter, PK 125-S Telephone and room monitoring transmitter, PK 215-S Mains transmitter Module

Co Info Sheet 9/7/91 – PK 855 RF Multi Room Detector System.

Copex 87: "The world's leading manufacturer and supplier of high level, covert security and surveillance equipment". On display: Micro transmitters, receivers, scramblers, telephone analysers, night vision, covert/overt video surveillance systems, anti-riot material.

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Pyser – SGI Ltd (Security Products)

Fircroft Way
Edenbridge Kent TN8 6HA
UK

Tel: 01732 864111 Tlx: 95527 OPTSLS-G Fax: 01732 865544

Holding Co: (92) Pyser (Holdings) Group

Source Ref: Copex 92 Catalog, Eurosatory 92 Catalog, Co Info 11/92, Co Info 12/92, FIS Exports List – Indonesia 93, Copex 93 Catalog, FIS Malaysia 93, FIS Singapore 93, FIS Saudi Arabia 94, Copex 94 Catalog Exhibition: Copex 92, Eurosatory 92, Copex 93, Copex 94

Export/Imports:

Co Info 11/92 – Distributers of Fujinon nightscopes.

FIS 93 – "Scientific instruments" to Indonesia. Value between 1–10 million. Contact Mr C.Kingdom

FIS Malaysia 93: "scientific instruments" to Malaysia. Value between 1–10 million. Contact Mr C Kingdon

FIS Singapore 93: "scientific instruments". Value between 1–10 million.

FIS Saudi Arabia 94: "scientific instruments". Value between 1–10 Million.

Additional Information:

Copex 94: Night vision equipment, the new Pathfinder range of military specification binoculars are introduced for the first time at Copex.

FIS 93 – "Scientific Instruments" Listed as Francis Barker Division. Mr C. Kingdom (0732 862751).

Copex 93: Night vision equipment. New products now available include: A new adaptor for the Fujinon Nightscope allowing fitting to any SLR or CCD camera. The Fujinon gyro-stabilised binoculars (day or night) are available to test.

Co Info 11/92 – Fujinon Day & Night Stabiscope Model S10x40 D/N, Fujinon Nightscope Model PS-910.

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Racal Electronics plc – Group Headquarters

Western Road
Bracknell Berkshire RG12 1RG
UK

Tel: 01 344 483244 Tlx: 848497 Fax: 01 344 481367

Holding Co: Parent Company Subsids: (94) Racal Acoustics, Racal Antennas, Racal Avionics, Racal Communications Systems Ltd, Racal Comsec, Racal Engineering, Racal Group Services, Racal Instruments, Racal Positioning Systems, Racal Properties, Racal Radar Defence Systems, Racal Recorders, Racal Research, Racal Survey, Racal Training Services (86) Racal Messenger Ltd, Racal Recorders Ltd, Racal-Chubb Ltd, (86) In 1978 sold Racal South Africa interests to Grinaker Electronics (South Africa).

Turnover: (93) 1,273 M

Directors: (94) Sir Ernest T Harrison (Chr), DC Elsbury, Sir EB Ashmore, BJ Clarke, JE Coates, RV Holley, IM KAye, DJ Peacock, MR Richardson GA Whent, D Whittaker, A Wood.

Source Ref: Copex 86 Catalog, Key British Enterprises 94, Copex 94 Catalog, Co Info 10/95 (Cambridge Neurodynamics) Exhibition: Copex 86, Copex 94

Export/Imports:

CAAT 8/12/88: Racal to supply an advanced electronic warfare system package for 35 million.

KBE 94: Markets listed as Africa, USA, S&SE Asia, Australia, W Europe

Additional Information:

Co Info 10/95 Defence, Security and Safety. CNL has completed development of its automatic number plate reader. Designed to ease detection and recovery of stolen or untaxed vehicles and to facilitate access control and road toll collection, the system is already in use by the Ministry of Defence (UK) and Racal. KBE 94: Data Communications, radio communications, marine and energy, defence radar and avionics, fire and physical security, network services.

Employees: Group 23,144

Copex 94: Displaying elements of the Cougar communications system now in service in over 30 countries. Racal-Comsec will have the CLASSIC system on display that has been used most effectively for a wide variety of applications including border surveillance and anti-drug smuggling.

Racal Messenger is displaying the TALON Automatic Licence Plate Recognition System that has excited considerable interest since its launch in April 94. Racal Recorders will be showing products from its world leading range of communications logging recorders, including the recently launched Rapidax Ranger Tactical Surveillance recorder. All products are fully supported by a world-wide network of sales and customer support centres.

Copex 86: The Racal Electronic Group of companies make security a priority, providing advanced security systems for everything from domestic to military markets. Courgarnet secure radio communications network.

Racal Radio Ltd

PO Box 112,
472 Basingstoke Road
Reading Berkshire RG2 0QF
UK

Tel: 0734 875181 Tlx: 848011 Fax: 0734 866014

Source Ref: COPEX 90 Catalog, JDW 19/1/91, p91, Copex 91 Catalog, Copex 92 Catalog, Copex 93 Catalog, Intersec 7–8/94, p271, Janes Defence Contracts 7/94, p9/10, Copex 94 Catalog, Intersec 2/95, p76, Jane's Defence Contracts 2/95, p10, British Defence Equipment Catalog (BDEC) 95, IDEX 95 Catalog Exhibition: Copex 90, Copex 91, Copex 92, Copex 93, Copex 94, IDEX 95

Export/Imports:

Intersec 2/95: Racal Radio have announced two orders from the Bolivian Armed Forces for Syncal 2000 tactical HF communications systems for use in military and anti-narcotics drives. For immediate delivery, the manpack versions of the digital PRM4790 family form part of an on-going relationship with the Bolivian Armed Forces over the last 10 years.

JDC 2/95: Undisclosed amount for the supply of Syncal 2000 tactical HF communications systems to Bolivian Armed Forces. The British Home Office overseas

drug related assistance programme has funded some elements of the contract. Racal Radio has played a role in the assistance programme for over 5 years.

JDC 2/95: 30 million (+47 million+) from Central European Govt to supply the latest manpack and vehicle mounted military tactical radios from the Panther radio family, as well as surveillance and direction finding equipment. The contract also covers a local manufacturing agreement, with local companies undertaking production and servicing with effect from 1996.

JDC 7/94: Unspecified South American Countries. Contract for 25 million for high-frequency direction finding equipment, and a wide range of tactical radio equipment for both manpack and vehicular use, along with logistic support.

JDW 19/1/91: 2.2 million contract with unnamed Middle East customer for Tactical Area Communications network (TACNET) systems.

Additional Information:

BDEC 95: Simulator for communications and electronic warfare.

Tactical radio systems – HF and VHF manpacks, mobile and base stations. PRM 4790 – HF Tranceiver, VRQ 319/BCC 39 HF transceiver, PRM 4700A tactical VHF/FM transceiver, PRM 4720A tactical CHF/FM personal transceiver,

Tactical radio systems for frequency hopping and special forces networks – Jaguar-V VHF/FM transceiver operates in the freq range 30–88 MHz and offers electronic counter-counter measures (ECCM) and is operational with many defence forces throughout the world.

Jaguar-U UHF AM/FM transceiver, Caracal – lightweight and compact VHF/FM transceiver – both narrow and wideband hopping are available, includes digital encryption facilities.

Cougarnet: is a completely integrated communications system designed for police, security and special forces. Provides a totally secure FM radio communications system based on a VHF/UHF personal radio. A cougarnet system can be assembled from a number of standard modules.

Intersec 7–8/94: Racal Radio have released Talon, an automatic number plate recognition system based on a new generation of pattern recognition techniques using neural network technology. It is designed to read number plates by day or night, in a wide range of environmental conditions, it has applications from simple access control to city centre security, border surveillance and road traffic monitoring.

Copex 93: COURGARNET system provides robust and waterproof VHF/UHF overt and covert communications.

COPEX 90 – Cougarnet – An Encrypted area communication system – specially designed for use with paramilitary, police & special forces.

Racal Recorders Ltd

Hardley Industrial Estate
Hythe, Southampton Hampshire SO4 6ZH
UK

Tel: 0703 843265 Tlx: 47600 Fax: 0703 848919

Holding Co: (92) Racal Electronics Group

Turnover: (93) 27.4M

Directors: (94) MR Richardson (Chr), DA Poole, GRD Butler, MJ Land, A Miles,

BW Titheridge, D Whittaker (Co Sec)

Source Ref: Copex 86 Catalog, IPEC 91 Catalog, Co Info 4/92, International Defence Directory 93, Copex 93 Catalog, Key British Enterprises 94, Copex 94 Catalog Exhibition: Copex 86, IPEC 91, Copex 93, Copex 94

Export/Imports:

IDD 93 – Agents in Venezuela are Michel Frochut Representaciones Industria.

KBE 94: Markets listed as: W Europe, Canada, S America, S&SE Asia, Australasia, Africa, USA. Branches in: Cologne, Germany, Irvine,California (USA).

Additional Information:

Copex 86: 2 Channel ruggedised SR108/AU109 combination cassette recorders, designed for communications recording in tactical situations.

IPEC 91 – Communications recorders – Including wordsafe – a 32 Channel Voice Logger with 27 hours continuous recording on a single VHS cassette – also Rapidax – rapid access, multichannel Disc based voice logger with 70 hours voice storage capacity.

Co Info 4/92 – Wordsafe VHS cassette voice logging recorder.

Copex 93: Showing a range of communications recorders, for use in monitoring of incoming calls.

KBE 94: Manufacturers of instrumentation and communication recording equipment and distributors of voice processing equipment. Trade Names: Storehorse, Store Range, V-Store, ICR, Elfin, Wordsafe, Rapidax, Callmaster.

Radamec Defence Systems Ltd

Bridge Road
Chertsey Surrey KT16 8LJ
UK

Tel: 0932 561181 Tlx: 929945 Fax: 0932 568775

Holding Co: (95) Radamec Group Plc, (94) Radamec Group Plc Subsids: (95) Radamec EPO Ltd

Sharehldgs: (95) Vivian Gray Nominees on behalf of AP Moller Tankers and Liners and Associates (3,815,686) 20.68%, Commercial Union Life Assurance Company Ltd (758,686) 4.11%. LB Whittaker (9,240,000), AW Whitaker (non beneficial 2,531,667), AW Whittaker (beneficial, 67,000), Admiral Sir Peter Herbert (3,000), AJ Straker (20,000), FSN Faulkner (48,840), LP Moore (5,000), JS Dobson (0) Turnover: (93) 10.2M

Directors: (95) Radamec Group: LB Whittaker (Chr &Chief Exec), MJ Wolfe, JS Dobson, LP Moore, AJ Straker, AW Whittaker (*), Admiral Sir Peter Herbert (*), FSN Faulkner (*), (*) Non-Exec Directors, (94) LB Whittaker, FSN Falkner, Sir Peter Herbert, LP Moore, AJ Straker, AW Whittaker, MJ Wolfe.

Source Ref: Copex 86 Catalog, BAEE 88 Catalog, Key British Enterprises 94, Jane's Defence Contracts 7/94, p11, 15, British Defence Equipment Catalog (BDEC) 95, p62–3, IDEX 95 Catalog, Jane's Defence Contracts (JDC) 1/95, JDC 2/95, p13, Radamec Group Plc Annual Report 9/95,

Exhibition: Copex 86, BAEE 88, IDEX 95

Export/Imports:

Annual Report 95: New business included:

1) Naval Electro-Optical Gun fire control for the Indian Coastguard's new Offshore Patrol Vessels.

2) Charge Coupled Device 1000 Pixel High Resolution Daylight Television Cameras sold to a major Canadian defence company for a new Reconnaissance Vehicle Surveillance System selected by the Canadian Army.

3) Lightweight, high performance, man portable day/night surveillance systems for Army and para-military use recently sold to the forces of the United Arab Emirates.

4) Stabilised Radar Pedestals developed for deployment in Arctic waters and supplied to a Scandinavian Navy by Ericsson of Sweden.

Photo Caption: 2400 Electro-optical Fire Control Director fitted with IR Camera, TV Camera and laser rangefinder undergoing final test prior to delivery to Royal Malaysian Navy.

The company's System 1000L lightweight high performance land-based surveillance system has been sold to a Middle Eastern country during the year and the programme of overseas field trials continues to promote the system to military and para-military customers. A vehicle mounted system featured prominently in the desert demonstrations at the prestigious IDEX Defence Exhibition held in Abu Dhabi in March 1995.

Other activities included: Work for British Aerospace (Rapier Missile System),

Marconi (Video Systems), MoD (UK) (Surveillance Systems), Samsung Korea (Electronic Tracking Systems), Finnish Navy (Fire Control Systems)

JDC 2/95: 3 million from Bharet Electronics (India) to supply four System 2400 Electro-Optical fire control systems to be installed on offshore patrol vessels of the Indian Coastguard where they will each control an Oto Melara 76mm gun.

JDC 1/95: Approx 4 million contract from Computing Devices of Canada to supply high resolution surveillance cameras. Production will run through to beginning of 1997.

KBE 94: Markets listed as: W. Europe, Middle East, Far East, USA

JDC 7/94: Contract for 200,000 from unspecified Middle Eastern customer for System 1000 day and night electro opticval surveillance systems.

JDC 7/94: Contract for 250,000 from Korean Navy for a naval electro-optical tracking system

JDC 7/94: Contract for 3.6 million from unspecified Canadian Prime Contractor for High resolution military surveillance equipment.

Additional Information:

Annual Report 95: Vehicle mounted 1000L Electro-Optical Surveillance System fitted to a Land Rover Discovery. For Military and paramilitary use.

BDEC 95: Close range missile systems for naval vessels. SR-2000 system. Electro-optical systems for fire control and surveillance. Series 2000, 2400 model electro-optical director with thermal imager, TV camera and laser rangefinder. System 1000 stabilised director with thermal imager and TV camera.

KBE 94: Holding company (Radamec Group) engaged as manufacturers of mechanical and electronic defence and communications equipment and machinery these include gun fire control systems, tracking and surveillance systems and television studio remote camera control systems.

Copex 86: Radamec EPO will be exhibiting the HK422 high speed reaction pan and tilt head designed for CCD CCTV camera applications.

Remsdaq Ltd

Parkway, Deeside Industrial Park
Deeside Clwyd CH5 2NN
UK

Tel: 0244 288031 Tlx: 61294 remdaq g Fax: 0244 280989

Source Ref: IDD 93, Intersec 7–8/93, p115, Co Info 2/94

Export/Imports:

Intersec 7–8/93 – Remsdaq have been commissioned by the Norwegian Defence Communications & Data Administration (NODECA) to provide a mutli site security system covering a number of key locations throughout Norway.

Co Info 2/94: Currently government applications references are available on a "need to know" basis in the UK, Germany, Australia, USA, France, Belgium and Italy, and tests ate in progress or under assessment in South Africa, Saudi Arabia, and Singapore.

Additional Information:

IDD 93 – Fingerprint Recognition equipment. Supplies integrated security systems: mobilising systems, supervisory control (SCADA), building management, communication & network management to Governments, International Military agencies etc.

Intersec 7–8/93 – Multi-site security system, based on the Remsdaq Star Watch, The system includes access control, CCTV, Intrusion Detection and Alarm management.

Co Info 2/94: Sabre (Tm) Perimeter Systems, Sabrefonic fibre optic security product, Sabreline. Sabretape (Tm) is Remsdaq unique and leading fibre-optic perimeter system, specified by the UK MoD and applied in high security Perimeter Intruder Detection Systems (PIDS) across the world. Optimesh & Aquamesh.

Rimfire International Ltd

22 South Audley Street
Mayfair London W1Y 6ES
UK

Tel: 071 499 9252 Tlx: Fax: 071 493 5037

Turnover: (92) 1,716,402 (UK)

Source Ref: JDW 9/11/91, ODA 5/92, Co House Microfiche 1/94

Export/Imports:

ODA 5/92 – Contract with ODA to clear mines from Somalia. (Subject of Channel 4 TV programme – see video.)

Additional Information:

11/5/90 Co Records: 3a) The objects for what the Company is incorporated i) Insurance agents..

ii) Security Consultants, advisors, dealers & experts in all security matters, to undertake installation, manufacturer, production, import and export, sale & design of all forms of security devices, alarm & protection systems, including undertaking surveillance, personal security protection & to provide security systems, devices, guards & other methods of prevention & deterrents of crime or criminal factors & any

related equipment.

JDW 9/11/91 – Specialised training & operations in Security (SP21) Division – EOD clearance, Land & Sea, Body guard & VIP protection, Counter terrorism, Surveillance / Anti Surveillance, Countryguard Division – Rural Surveillance, Estate Protection, Concession & Agency Management Div, Procurement of all equipment & services for the security industry.

S & D Security Equipment Ltd (SDSE)

45 Lower Belgrave Street
London SW1W 0LS
UK

Tel: 0171 730 8105 Tlx: 23768 SDSE G Fax: 0171 730 4747

Subsids: (91) Pulse Technology ?

Directors: (95) Lt Col. JM Gaff (MD), (91) R.Newing (M.D) S.E Dutton, J.M Gaff

Source Ref: Police Review 8/2/80, p281, Copex 86 Catalog, BAEE 88 Catalog,Copex 88 Catalog, British Defence Equipment Catalog 89, p296–7, Copex 89 Catalog, Copex 91 Catalog, Co Info 11/91, FIS Thailand 93, Copex 93 Catalog, FIS Taiwan 93, FIS Malaysia 93, FIS Australia 93, FIS Saudi Arabia 94, Copex 94 Catalog, DMA List 95 Exhibition: Copex 86, BAEE 88, Copex 88, Copex 89, Copex 90, Copex 91, Copex 92, Copex 93, Copex 94

Export/Imports:

FIS 93 – "anti-terrorist equipment" to Thailand. Value between 1–10 million. Contact Col J.M Gaff.

FIS Taiwan 93: Listed as exporting "anti-terrorist equip" to Taiwan. Value between 1–10 million. Contact Col JM Gaff.

FIS Malaysia 93: "anti-terrorist equip" to Malaysia. Value between 1–10 million.

FIS Australia 93: "anti-terrorist equip". Value between 1–10 million.

FIS Saudi Arabia 94: "anti-terrorist equipment". Value between 1–10 million. Contact Col J.M Gaff.

Additional Information:

DMA List 95: Provision of anti-terrorist advice and specialised anti-terrorist equipment. Technical support available 24 hours.

Copex 94: SDS(E) is an acknowledged leader in the field of Anti-Terrorism, has been providing equipment, advice and training to Military, Customs, Police and other Security Forces throughout the World for more than 18 years.

FIS 93 – Anti-terrorist equipment

Copex 93: Offers a comprehensive range of equipment for the security of commercial, private and official establishments. Wide range of specialist search equipment as well as a range of standard security items. SDSE (E) supplies complete packages of equipment together with the associated training, and offers a comprehensive training and advisory service covering the setup, command, control and operation of Search (EOR) and Bomb Disposal (EOD/IEDD) organisations.

New products include the improved version of the SEARCHER Drugs & Explosives detectors, the MD4 Metal and Mine Detectort, the new military Hand Held Metal Detector HD6 and a range of torches designed specifically for Police Use.

COPEX 90 – Explosives & metal detectors, Night vision equipment, searcher, inspector portable x0-ray generator, Scanna LP 9000M Letter bomb detector, Electronic Letter Bomb detectors, HED Explosives detector L3A1, PD-4C Explosives Detector, Disruptor model 1870.

BDEC 89: MD2000 metal detection system, EOD stethoscope, Disruptor Model 1870, Searcher – hand held detector, PDS explosives detector, HED explosives detector L3A1, RDK military wire and cable detector.

Police Review 8/2/80 – listed under heading of fencing (electric).

SD-Scicon UK Ltd

1–3 Bartley Way,
Bartley Wood Hook Hampshire RG27 9XA
UK

Tel: 0256 742000 Tlx: Fax: 0256 742700

Holding Co: (93) SD Scicon Plc, subsidiary of General Motors, (91) Electronic Data Systems (USA), (79) BP (UK), Subsids: (93) Scicon International Systems Co Inc (USA), Systems Control Technology (USA), Systems Designers Software Inc (USA), (91) GPI Group (France), US Scicon Group,

Turnover: (90) 250M

Source Ref: New Statesman 23/3/79, SW Thesis 87, IPEC 91 – Co Info, JDW 8/6/91, p982, Who Owns Whom 93 Exhibition: IPEC 91

Export/Imports:

NS 23/3/79: Export of computing system to Saudi Arabia for use by General Intelligence Department.

JDW 8/6/91: Undisclosed amount from France for the THOR Torpedo engagement simulation system used to evaluate underwater weapons and countermeasure systems.

Additional Information:

NS 23/3/79: Scientific Control Systems (Scicon) signed contract with GID (General Intelligence Department) in Saudi Arabia to provide computer systems that would provide Surveillance lists and "Black Lists" of foreign and Saudi citizens, and take appropriate "executive action" including harassment, arrest, covert surveillance and interrogation.

SW 87: Police Computers

IPEC 91: Police Information Management Systems – Typical police applications are: Crime – Crime Reports, Criminal Information, Facial Records, Fingerprint Records, HOLMES Successor. Operations – Command & Control, Custody Suite, Message Handling, Public Order Management, Road Traffic Accidents. Administration – Aliens, Electronic Mail, Firearms & Shotguns, Fixed Penalty, Internal Finance. Personnel – Police Personnel Records, Pensioners Records, Civilian Personnel Records, Special Constabulary Records.

Digital Mapping and Terrain Analysis

Online crime information systems.

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Security and Defence Marketing Services Ltd (SDMS)

365 Fulham Road
Chelsea London SW10 9TJ
UK

Tel: 0171 376 4091 Tlx: 8954111 REPLAY Fax: 0171 589 4966

Directors: (95) DJ Knights (MD), (91) Peter J.D. Johnson OBE, D.J Knights, R.H.A. Knights.Source Ref: ISR 10/90, Cat 11/91, Law Enforcement Product News 7 8/93, DMA List 95

Export/Imports:

Co Info 91 – Provide a "Complete Security" service – also training for EOD, VIP Protection, Hostage Retrieval, Anti-Terrorist methods & for certain governments, surveillance & intelligence gathering techniques.

Additional Information:

DMA list 95: Specialist security equipment for explosive ordnance search & disposal, police, special forces, surveillance, counter-surveillace, personal and property protection, plus associated training services.

LEPN 7–8/93 – GEM2 Micro 'Bug' Audio transmitter system. The new GEM2 has been developed in the UK and provides a high quality solution for audio surveillance. The crystal-controlled equipment is now in use with government security organisations worldwide and can be supplied with adaptors for use in a room, on a body, in a vehicle or for use with a telephone.

Catalog 91 – Counter Terrorist Training, Special Forces Ranges, Silencers for most

handguns.

ISR 10/90 – Personal Protection, property protection, search – explosives & drugs, surveillance & counter-surveillance, Training – Comprehensive selection of the highest quality anti-terrorist equipment worldwide.

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Security Systems International

The Mill House
West Wratting,
Nr Cambridge Cambridgeshire CB1 5LT
UK

Tel: -220 29 223 Tlx: 817341 SSI Camb Fax:

Holding Co: Security Systems International (IoM)

Directors: (77) J.G McKechnie, JM Callin, A. Hill

Source Ref: World in Action "Inside Idi Amin's Terror Machine 13/6/79, Harriman 1979, Gdn 31/10/78

Export/Imports:

Supplied Security Equipment to State Research Centre, Uganda – Also involved a Swiss Firm of the same name.

P&SA 12/91 – Supplied Nightvision Equipment & Telephone Tapping equipment to Idi Amin, also former employee negotiated a computerised fingerprint system..?

Additional Information:

London Office Tel 01 584 5716 Tlx 24224 London

Co Info – Micro Scrambler Model 3001, Counter Espionage Equipment ECM System 15 – Countermeasure System Component Units: System 15 Countermeasure Manual & Operating Instructions, CM-212 Countermeasures Amplifier, CM-220A Metal Detector, CM-230 Sweep Signal Generator, CM-340 Telephone Analyser, CM-250 Radiated RF Detector, CM-280 Control Device, CM-280D AM/FM Receiver.

SSI Systems Engineering approach to selling Security to Government & Industry – a few of the components we have integrated into total systems are:

Airport Security Personnel inspection systems X-Ray baggage inspection systems Bomb & Explosives detectors Perimeter Security

Secure Communications Systems Voice Scramblers Data & Telex Scramblers Facsimile Scramblers Totally secure networks

Electronic Surveillance Countermeasures Countermeasure surveys Personnel Training

Perimeter Security Systems Active & passive systems, overt and covert Magnetic, pressure, seismic, acoustic, RF, thermal detectors, Personnel radars, optical imaging/

viewing/recording Penalty systems, such as photographic,low light level viewing, handheld and remote Alarms, physical reaction systems

Communications Monitoring & Direction Finding Networks Illicit radio transmitter location systems fixed and mobile Selected spectrum and broad band coverage Equipment design provides rapid operator response

Miscellaneous Bullet resistant clothing and materials ID & fingerprint equipment Government security supplies Monitoring equipment Police equipment

P&SA 12/91 – Nightvision Equipment, Telephone tapping equipment – (Fingerprint Recognition Equipment).

Siemens Plessey Controls Ltd (Traffic Division)

Sopers Lane
Poole Dorset BH17 7ER
UK

Tel: 0202 675161 Tlx: 41272 PLESPL G Fax: 0202 782435

Holding Co: (92) Siemens Plc

Source Ref: Co Info,Gdn 1/9/89, Traffic Eng & Control 4/93, FIS South America 1993, FIS China 1993, FIS Australia 93, FIS Saudi Arabia 94 Exhibition:

Export/Imports:

Gdn 1/9/89 – Middle East contract for SCOOT – Road Traffic Control System – Bahrain.

Traffic Eng Advert 4/93 – SCOOT system used in Toronto, Bahrain, Peking, Santiago (Chile).

FIS China 93: Listed as exporting “control equip & systems” to China. Valued at between 1–10 million. Contact Ms J Elliot.

FIS S.Am 93: Listed as exporting “control equip & systems” to South America. Value between 1–10 million.

FIS Australia 93: “Control equipment & systems”

FIS Saudi Arabia 94: “control equip. & systems”. Value between 1–10 million.

Additional Information:

Universal Mobile Communications Terminal – Model 9031, Mobile Data Communication systems.

Gdn 1/9/89 – Middle East contract for the Plessey SCOOT system – Bahrain Road Traffic Control System (SCOOT – Split Cycletime Offset Optimisation Technique)

See also GEC Traffic Automation & details about SCOOT and Beijing – Tiannamen

Square. PELCO cameras.

Siemens Plessey Defence Systems Ltd

Vicarage Lane
Ilford Essex IG1 4AQ
UK

Tel: 081 478 3040 Tlx: 897971 PLESSY Fax: 081 553 8899

Holding Co: (93) Siemens Plc, (88) Plessey Company Plc

Source Ref: Copex 86 Catalog, CAAT 16/4/87, p4, CAAT 9/6/88, p5, BAEE 88 Catalog, JDW 30/4/88, JDW 9/89, Int’l Defence Equipment Catalog 88/9, p704–5, FIS South America 1993, FIS Australia 93, JDW 10/9/94, British Defence Equipment Catalog (BDEC) 95, Jane’s Defence Contracts 2/95 p10, Exhibition: Copex 86, BAEE 88, RNEE 89, Farnborough 94

Export/Imports:

JDC 2/95: 12.5 million contract from undisclosed Southern African country for the supply of HF tactical radios. The radios will be completely assembled in territory from parts manufactured locally, supplied by kits of components supplied from the UK.

FIS South America 93: Listed as exporting “communications equipment” to South America. Value greater than 10 million.

FIS Australia 93: “communications equipment”. Value greater than 10 million.

IDEC 88/9: Contracts in USA, South America, Middle East, Australia, UK and Europe.

CAAT 9/6/88: Plessey to supply CCIS computerised battle management system to Indonesia.

JDW 30/4/88: Indonesia is the first customer for the Generics Command and Control information system (CCIS) developed by Plessey Defence Systems.

Plessey recently won a UK MoD contract for an Automated Computer Assisted Electronic Warfare System (ACEWS). This also uses the Generics product to provide assimilation of complex data.

Also supplying command systems, radar and torpedo launchers for Vosper Thorneycroft/Italthali co-production agreement for anti-submarine patrol boats.

CAAT 16/4/87: 20 million contract with Egypt for electronics defence system.

Additional Information:

BDEC 95: Information systems for command and control. Military electronic office.

Electronic warfare systems and equipment: Specialises in the design and manufacture of communications intelligence (COMINT) systems. Electronic Support Measures (ESM), and Electronic Counter Measures (ECM) can be integrated into command,

control and intelligence systems (C3I).

PVS3800 the generic name for ESM systems based on the PVS3800 receiver. Provides Signal acquisition, signal analysis, signal monitoring and Direction finding.

FIS S.Am 93: Communications equipment

IDEC 88/9: "World leaders in the techniques of designing strategic and tactical command and control information systems (CCIS), which can be configured as independent units, for intelligence or for task force management, or can be integrated into large strategic management and command systems."

Detailed street plans, complete with highlighted landmarks, can be displayed, in support of local actions or surveillance.

JDW 30/4/88: Generics is a software orientated CCIS designed to manage, manipulate and display information from sources such as electronic sensors, manual input and radar. The information is stored in a distributed relational data base management system and can be processed and related to high resolution colour map displays. Generic's software is written in Ada, the language being adopted by NATO for all future processor based defence systems. Generics is available in a variety of configurations – specialised single operator workstations to integrated multi-position networks.

Copex 86: A world leader in the supply of secure survivable C3I systems, is presenting the Integrated Command System, ICS, suitable for use in major operation centres. The system consists of a database developed by Plessey, a large screen display and a number of workstations. Maps, overlays, automatic vehicle location, documents and photographs can be captured as computer based data and displayed on high resolution graphic workstations.

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Solarray Identifiaction Systems (SIS) Ltd

5 Connaught Road
Camberley Surrey GU15 2DW
UK

Tel: 0276 676844 Tlx: Fax: 0276 676855

Directors: (92) Raymond Brunton (Md)

Source Ref: Co Info 5/92

Export/Imports:

Co Info 5/92 – Police Forces in UK and other law enforcement agencies.

Additional Information:

Co Info 5/92 – Raymond Brunton supervised Scotland Yard's first computerised fingerprint image system, SIS Produce fingerprint recognition & video based photographic system for recording, storing, searching & retrieving Facial images.

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Surveillance Technology Group

62 South Audley Str
London W1
UK

Tel: 0171 408 0287 Tlx: 8814709 Fax: 0171 629 9538

Source Ref: Co Info 87, COIN 90, Co Info 11/93 (Milipol 93)

Exhibition: Copex 90, Milipol 93

Export/Imports:

CO Info 87 – Offices in Paris (France) & New York (US).

Additional Information

Co Info 11/93: Range of Covert Audio Intercept equipment and systems.

Concealable Transmitters (4001 QTX V, 4002 QTX U), Voice activated Transmitter Series (4005-VOXTX-W, 4006-VOXTX-V, 4007-VOXTX-U), Ultra Miniature transmitters (4010-UMTX), Long Term Transmitter Series (4015-LTTX9-W, 4016-LTT28-W), Sub-Carrier Transmitter and Decoder (4020-SUBTX-W)

Stehoscope Transmitter Series – alternative means of transmitting conversations from the target room without entry. (4025-STTX-W, 4026-STTX-V, 4027-STTX-U)

Long range transmitters (4030-LRTX2-V, 4031-LRTX5-V, 4032-LRTX10-V).

Disguised Transmitters: Pen Transmitters (4100-PENTX-U), Lighter Transmitter (4105-LIGTX-U), Calculator Transmitter (4110-CALTX-U), Credit Card Sized Calculator Transmitter, Pager Transmitter (4115-PAGTX-U), Belt Transmitter (4125-BELTX-U), Cigarette Pack Transmitter (4130-CIGTX-U), Briefcase Transmitter (4135-BCTX-U), Ashtray Transmitter (4120-ASHTX-U), Jewelry Encased Transmitters (4140-JETX-W).

Mains powered transmitter Series: Mains module (4200-MMTX-W, 4201-MMTX-V, 4202-MMTX-U), Main Plug Adapter Transmitter (4205-MPTX-U), Mains Outlet Transmitter (4210-MOTX0U), Remote Activated Mains Transmitter (4215-MRTX-W, 4216-MRTX-V, 4217-MRTX-U, 4217-MRTX-U).

Telephone Transmitters: Micro-processor Driven Telephone Transmitter (4300- TTX-MP-U), Fax Line Transmitter (4305-TTX-FAX-U), Combination Room and Telephone Transmitter (4315-TTX-COM-W, 4316-TTX-COM-V, 4317-TTX-COM U)

Surveillance Receivers, Crystal Controlled Briefcase Receiver/Recorder (4410-RXB3-V, 4411-RXB2-U).

Global Remote Surveillance Command Center: Monitor a room in New York when you're in Paris or Cairo. Access covert wireless radio transmitters from anywhere. (4465 GB2).

Infrared Long Range Transmitter System (4500-IRTX), Audio Surveillance Probe (4505-ASPR), Laser Surveillance System – when access is impossible, picks up vibrations from window surfaces, the laser beam is then demodulated and converted to audio signals (4510-LASR).

Covert Room and Telephone System (4515-CRTM), Infinity Monitoring Series (4520-INF-H, 4521-INF-A, 4522-INF-5, 4523-INF-V), Passive Line Monitor (4525-PASLM),

Carrier Current System – allows direct audio surveillance utilizing existing AC power cable as both transmission path and power source. (4530-CARRIER)

Tracking Cellular Intercept System (4615-TCEL-INT), Facsimile Intercept System (4600-FAX-INT), Four Line Intercept System (4605-FAX-INT), Cellular Phone Intercept System (4610-CELLCON-CTPS-8804), Computer Intercept System (4625-COM-INT), Dialled Number Telephone Intercept System (4620-DNR-INT), Dialled Number Recorder Briefcase (4621-SLV-INT), Digital Pager Intercept System (4630-PAGER-INT), Telex Intercept System (4635-TLX-INT).

COIN 90 – Pocket Communicator, STG 4415 Facsimile Intercept System. Offices in USA – PO Box 427, Rye, NY 10580. Tel 914 934 8078. France – 26 Place Vendome, 75001 Paris. Tel 297-56-00. Tlx 2155241. Montreal, Milan

Co Info 87 – Wireless Video Surveillance & security systems. CVS 2000 series video. CVS 2010 – video camera disguised as a fire extinguisher, CVS 2020 – leather bound book, CVS 2030 – attache case, CVS 2040 – picture frame, CVS 2050 – stereo radio, CVS 2060 – decorative wall clock, CVS 2070. Within each unit is a state of the art transmitter with built in antenna that relays video of the surveillance area to a remote monitor. The entire CVS 2000 series can be activated by standard on/off switch, or by optional remote control, magnetic trip sensors, infrared motion detectors, or sound activation depending on particular surveillance or security needs.

Surveillance Technology International (STI)

11 Spring Road
Market Weighton, York Yorkshire Y04 3JJ
UK

Tel: 0430 871202 Tlx: Fax: 0430 873996

Source Ref: Co Info 91

Export/Imports:

Co Info 91 – “Operations worldwide”

Additional Information:

Co Info 91 – Distributers & stockists of the “Lorraine” range of equipment. Executive & corporate protection, Counter espionage & surveillance – Room monitoring, Covert CCTV Systems, Telephone monitoring, Bug Detection, Pen Transmitter, Calculator

Transmitter.

The Communications Company

26 Skylines Limeharbour
London E14 9TS
UK

Tel: 0171 515 6644 Tlx: Fax: 0171 515 0005

Source Ref: Intersec 2/95, p66, Co Info 4/95

Export/Imports:

Intersec 2/95: Tech Support Systems (USA) are also listed as producing Faxmate and Cellmate. Are Communications Company distributors in UK ?

Additional Information:

Intersec 2/95: Restricted User Products. Compu-Cellmate: Monitors both data streams A&B simultaneously. AMPS & ETACS. Monitors 250 numbers simultaneously.

Pagemate: protocol types compatible with all pager services. Multiple channel reception.

Faxmate: Monitors incoming and outcoming messages. Intercepts up to 10 lines. Does not interfere with line. Built in security to prevent unauthorised access.

Thorn EMI Electronics Ltd – Electro Optics Div

1 Forest Road
Feltham, Middlesex TW13 7HE
UK

Tel: 081 751 6464 Tlx: 946390 Fax: 081 751 4774

Holding Co: (94) (Pilkington Thorn Optronics) Joint venture between Thomson-CSF and Pilkington Plc, (93) Thorn EMI plc

Source Ref: CAAT 11/2/88, p2, CAAT Newsletter 9/2/89, p7, National Security July/Aug 89 p3, National Security Nov/Dec 90 p4, COIN 90, Copex 90 Catalog, J.of Defense 1/91,Intersec 9/91, Defense News 6/5/91, JDW 8/6/91 p982, Copex 92 Catalog, Press Release 22/12/94, Letter to MAG 3/1/95 Exhibition: Copex 90, Copex 92

Export/Imports:

CAAT 11/2/88: “Significant” numbers of Hand-Held Thermal Imagers supplied to Netherlands Royal Marines.

CAAT 9/2/89: Hand Held Thermal Imaging equipment to the Netherlands.

Nat Sec 7–8/89 – A memorandum of understanding has been signed between Jordan Technology Group and Thorn EMI. It is intended to establish facilities in Amman (Jordan) which would commence production of thermal imaging equipment in 1990. The Thermal Imager is already in service in the Middle East and has also been sold to 14 organisations in nine other countries.

Nat Sec 11–12/90 – Order worth approx 1 million (Sterling) to supply hand-held thermal imager (HHTI) for use by the Internal Security forces of a NATO country. Recent order from US Air Force for thermal imagers.

Intersec 9/91 – $7 Million contract to supply Hand Held Thermal Imager (HHTI) to US Special Operations Command, Florida. HHTI now used by over 20 countries & further significant orders received from Turkey.

DN 6/5/91 – Coastal Surveillance System for River Clyde.

J.Defense 1/91 – (IRST) Infra Red Search & Track to UK ARE (Army Research Establishment) & MOTISS to unnamed firm.

JDW 8/6/91: Undisclosed amount for supply of coastal surveillance system which will be used to monitor activity on the Clyde estuary for the UK MoD.

Additional Information:

Copex 92: Security Systems Management. Exhibits include Thermal Imaging Surveillance System (TISS), with its unique ability to satisfy total security requirements for borders, coastal and inland areas and major installations. ELITE lightweight thermal imagers and Steerable Stabilised Thermal Imager (SSTI) for use on fast patrol boats and helicopters.

DN 6/5/91 – Coastal Surveillance Systems.

Copex 90: The Electro optics division is demonstrating a range of best selling thermal image equipment that provides 24 hour surveillance. With over 25 customers in 15 countries, the range includes the compact, lightweight Hand Held Thermal Imager (HHTI) which is employed for a variety of tasks including air-base defence, border surveillance, police operations and customs & excise.

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Trend Telecommunications Ltd

Knaves Beech Est
Loudwater, High Wycombe
Buckinghamshire HP10 9QZ
UK

Tel: 06285 24977 Tlx: 849408 TREND Fax: 06285 28312

Source Ref: BAEE 88 Cat, FIS South America 1993

Exhibition: BAEE 88

Export/Imports:

FIS S.Am 93: Listed as exporting “data transmission equip” to South America.

Additional Information:

BAEE 88 –

FIS S.Am 93: Data Transmission Equipment

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TV2 Ltd

Sigmaform House,
Sywell Road Park Farm,
Wellingborough Northants NN8 6XD
UK

Tel: 01933 403 400 Tlx: Fax: 01933 403 402

Source Ref: CCTV Vol 1.3 1994, p29, Co Info 9/94, Copex 94 Catalog

Exhibition: Copex 94

Export/Imports:

CCTV Vol 1.3: Contract to supply Spain’s Basque Police with system for the transmission of data between mobile policing situations.

Additional Information:

CCTV Vol 1.3: TV2 Ltd supplies a range of broadcast facilities and equipment. Announced a contract to supply Basque Police. Aerlyper SA (Madrid, Spain) leads the contract. The system is to provide transmission of data between mobile police situation, in particular sending live video and thermal pictures integrated with GPS data between the ground, aircraft and control centres. TV2 is supplying a range of wireless camera systems, microwave and communications equipment as well as a Global Autotracker intelligent antenna system. The Global Autotracker sends pictures from a police helicopter approx three times further than conventional microwave antenna systems, so extending the practical range of operation. It also offers police the capacity to send on the same signal a range of data such as time, date and grid reference, thus reducing the need for radio talk. Because it is highly directional, it has a high degree of built-in security from unauthorised interception.

Copex 94: Live microwave transmission for security and surveillance. In addition to consultancy and systems interrogation, TV2 offers a range of intelligent, steerable antenna systems, called Global Autotracker, for live transmission over distances up to 140Km. Already in use with UK and European police forces, the Global Autotracker has also been commissioned by Defence Ministries.

Videomech

High Street
Hartley Wintney Hampshire RG27 8ER
UK

Tel: 025126 3689 Tlx: 858919 Fax: 025126 4786

Holding Co: (90) Molynx Holdings Plc

Source Ref: International Law Enforcement Vol2 (85), Co Info Securex 89

Exhibition: Int'l Security Essen 84, SECUREX 89

Export/Imports:

Co info Securex 89 – Worldwide Client Base & Network in Western Europe, Large number of Major Government, Military & Civil contracts.

Additional Information:

ILE Vol2 85 – Components for surveillance camera housings, Infra Red Illuminators etc, CCTV systems & cameras.

Walmore Defence Components

Laser House, 132/140 Goswell Road
London EC1V 7LE
UK

Tel: 071 251 5115 Tlx: 28752 Fax: 071 250 4143

Source Ref: CAAT 11/8/88, p6, COPEX 90 Catalog

Exhibition: Copex 90

Export/Imports:

CAAT 11/8/88: Supplying two electronic warfare simulators for operator training purposes to undisclosed destination.

Additional Information:

COPEX 90 – Previously Philips USFA BV – Exhibiting range of Signal USFA night vision equipment. Hand held thermal camera, UA1242 Binocular night sight, UP1040 Self powered hand held thermal imager.

CAAT 11/8/88: Electronic warfare simulators.

Winkelmann Security Systems Ltd

The Mound, Portsmouth Road
Esher Surrey KT10 9JQ
UK

Tel: 0372 468431 Tlx: 848314 CHACOM G Fax: 0372 467452

Directors: (91) David L Read MD

Source Ref: International Law Enforcement, vol.2 no.4, 85/6, p29, Copex 86 Catalog, Copex 87 Catalog, Copex 88 Catalog, COIN 90, Co Info 90 Exhibition: Copex 86, Copex 87, Copex 88, IPEC 90

Export/Imports:

Co Info 90 – Britains largest manufacturer of electronic equipment for police & Military covert operations.

Additional Information:

Co Info 90:- Model 300 Countersurveillance receiver. Model 4000 Computerised Telephone monitoring system. Model 310 Microwave detector. Series 3000 Covert Surveillance Video Link System, Briefcase TV/FM Transmitter. Model 200 Telephone Line Analyser – Will check 25 Telephone lines simultaneously. RAVEN Telephone monitor system 4000 Series. WREN Hand Held & Mobile Transceivers. FAXTRAK – Facsimile Monitor System. FOLGIAN Mobile Tracking System 2000 Series. OWL Image Intensifier. WOODPECKER 500 & 1000 Voice Security modules. Professional RF Bug Detector. KIWI Telephone Tap System Model 100 GEM Micro Transmitter System 140 Series.

Copex 86: Manufacturers and suppliers of electronic countermeasures receivers and telephone line analysis, for tracing clandestine transmitters and illicit wiretaps.

ILE v2,4: Model 200 Telephone analyser, Model 610 Control Unit, Model 100 Receiver, Model 300 Receiver, Model 310 Detector.

AES Corporation

285 New Street
Peabody Massachussetts MA 01960
USA

Tel: 508 535 7310 Tlx: 387852 AES CORP INTL Fax: 508 535 7313

Source Ref: COIN 90, COPEX Miami 91 List, ISSS Expo 91, COIN 93/4 p420

Exhibition: COPEX Miami 91, ISSS 91,

Export/Imports:

ISSS 91 – "Access Control for commercial use outside the US – embassies & corporations worldwide."

Additional Information:

COIN 90 – AES-2000 Access Control Card System, Perim-Alert III Fence Protection System, AES 7400 Series Integrated Access Control System, AES 2100-PAS (Portable Alarm System), Long Range Radio Telemetry System.

ISSS 91 – Electronic Security Equipment.

COIN 93/4: AES 2100-PAS portable alarm system, AES Series 7000 Central Alarm Reporting system, SAMS Surveillance, Assessment and Monitoring System – is a covert, real time wireless video observation and recording system which is manportable and can be left to operate unattended if necessary. 'Smart' cameras use sensors to detect activity in the surveillance area. Upon detecting activity the cameras transmit images to a receiver located several kilometres away, AES 4100 Command Centre.

Audio Intelligence Devices,

Technos International
1400 NW 62nd Street
Fort Lauderdale Florida FL 33309-1989
USA

Tel: 305 776 5000 Tlx: Fax: 305 776 5000

Turnover: (94) $5m+

Source Ref: IACP 80/81, American Export Register 91, How to get anything on anybody, Lapin, 91, Police Chief 2/93, p60, Thomas Register 95 Exhibition: IACP 92

Export/Imports:

Am Ex 91 – Law Enforcement Equipment.

Additional Information:

Thomas Register 95: Police equipment.

IACP 92 – Mobile Surveillance vehicles, electronic surveillance systems, "Judgement Under Stress" training system.

Lapin 91: "AID is the largest surveillance supplier in the USA" Provide equipment for law enforcement only and have a wide range of equipment from intelligence systems such as UNITEL series that offers scrambled or clear voice operation. Body mikes, hard wires, through wall devices, processor, acoustic sensors, transmitters that come packaged in semi automatic pistols.

IACP 80/81 – Intrusion Detection equipment, Radio communications, Communications security systems, Surveillance Equipment, Industrial Security

Systems, Vehicle Tracking devices.

B.E Meyers & Co Inc

17525 NE 67th Ct Redmond
WA 98052
USA

Tel: 206 881 6648 Tlx: 213034 NITE UR Fax: 206 867 1759

Source Ref: International Law Enforcement vol 2,9 (85), p32, Co Info, Copex 89 Cat, Copex Miami 91 Cat, Police Chief 2/93, p60, Law Enforcement Product News 7–8/93, Co Info 11/93 Exhibition: IACP 85, COPEX 89, COPEX Miami 91, IACP 92

Export/Imports:

Corporate Sales Offices in – Israel, Pakistan, Malaysia, Indonesia, Hong Kong, Taiwan, Korea, Chile, Singapore, Japan, UK, Australia, Germany.

Additional Information:

Copex 89 – Dark Invader Night Vision Systems.

IACP 92 – Night vision systems, surveillance equipment, related accessories.

LEPN 7–8/93 – Pinhole Surveillance Kit – Perfect Surveillance photos.

Co Info 11/93: Dark Invader "Owl" 3rd Generation, multi purpose Pocketscope.

CCS Communication Control Systems

675 Third Avenue
New York NY 10017
USA

Tel: 212 557 3040 Tlx: 238720 Fax: 212 983 1278

Subsids: (95) CCS Communication Control, Moscow, Russia, (93) CCS

Communication Control Inc, CCS Communication Control (UK)

Source Ref: Co Info 87, COIN 90, COIN 92/3, International Defence Directory 93, IDD 95 Exhibition:

Export/Imports:

IDD 95: Represented in Moscow, Russia.

Co Info 87 – Offices in New York, Washington, Miami, Beverley Hills, Chicago, Toronto, London, Paris, Houston, Hong Kong.

Additional Information:

Shares the same London & Paris address with Surveillance Technology Group.

Provides body armour / protection, bug alert, telephone analyzers, wiretap detection / defeat systems, transmitter locator / verifiers, bomb protection, infrared viewing systems, electronic lie detectors.

Predator 1 – 2nd Generation night scope, Predator VI – Hands free Goggles.

NF-2 Nightfinder Binoculars, NF-1 Pocketscope, NF-3 Goggles.

NVD-5 Active (Infrared Pocketscope, NVD-10 Goggles.

COIN 90 – Invisible Safety Shield – Infra Red sensors.

COIN 92/3 – LR 3000 hand held transceiver and repeater system, XN-3 Extend-R-Range amplifier, SC 225 Portable radiotelephone, DF 42 direction finder. Secureline 440 voice and data encryption system – unlike other MSA approved devices (should this be NSA approved ?), the Secureline 440 does not require government agencies to provide classified encryption codes, so there is no concern about unauthorised outsider monitoring.

VL5000 counter surveillance receiver – lightweight and compact system for detection of covert radio frequency emissions.

Covert video surveillance system Series 2000 – a series of disguised CCTV cameras that allow surveillance to be carried out in factories, offices etc. Each unit consists of a camera and a transmitter capable of sending video and audio signals to a nearby receiver. Type CVS 2010 is a camera disguised as a fire extinguisher, CVS 2020 as a leather bound book, CVS 2030 as an attache case, CVS 2040 as a picture frame, CVS 2050 as a stereo radio set, CVS 2060 as a decorative wall clock. Each will provide high resolution images and transmit them up to 8km away. Antanae-Eye AE60 surveillance system – CCTV camera in standard telescopic car aerial. CVS 380/390 discreet video systems – CV 380 – video briefcase or CVS 390 video speaker systems. Remote observation pod. Predator 150 Night vision Pocketscope / Riflescope.

CCX-1000 explosive vapour detector, LBD-400 letter bomb detector, CCX-2000 explosive detector, TX-2 Terrorist Trap – walk through system which can be installed as a free-standing arch or in a doorway and which scans all paasers-by.

IDD 93 – Fingerprint Recognition equipment

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Computer Sciences Corporation (CSC)

El Segunndo, CA,
USA

Systems integration and outsourcing firm. Gross revenue $2.5 bn to 3 bn. Approx 33,000 employees worldwide.

CEO: Van Honeycutt

import/exports:

Saudi Arabia Ministry of Interior System (SAMIS). Upgrade: SAMIS II (replacing Unisys running Unicos with IBM mainframe with client-server nodes). SAMIS/SAMIS II drivers licences, visas and “miscreant” identification/control (miscreants includes illegal workers, Shiite activists and Christian missionaries).

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Control Data Systems

USA

Systems design and IT supply. Worldwide agency and distribution.

Source ref: IT Trade `90 Bangkok; Computer `90 Bangkok; Co info 1990/1991; Thai Ministry of Interior info, 1990; Privacy Journal 7/90; Time, 24/6/91; Newsbytes 10/3/95

From the mid 1980s, Control Data has supplied the Population Identification Number Project infrastructure for the Thai Ministry of the Interior. This integrated system creates an ID card, electronic fingerprint and facial image, and electronic data link involving the entire population. It spans most government agencies and is controlled by the military/police dominated Interior Ministry.

Databases include: Central Population Database, National Election System, Political Party Database, Political Member Database, Voter listing, Electronic Minority Group Registration System, Electronic Fingerprint Identification System, Electronic Face Identification System, Population and House Report System, National Tax Collection System, Village Information System, Secret Information System, Public Opinion System, Criminal Investigation System, National Security System, Social Security System, Passport Control System, Driver Control System, Gun Registration, Family Registration, Alien Control System and Immigration Control System.

In 1995, CDS announced that it was installing the Computerized National Census and Services Project for the Bangkok Metropolitan Administration (BMA) project which will contain names, addresses, national ID card numbers, and census information such as birth and death records and address changes. The project is worth US$11.5 million and CDS said that they expected to obtain other related projects. (Newsbytes 10/3/95)

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Covert Operations International Ltd

5000 Brush Hollow Road Westbury
New York NY 11590
USA

Tel: 516 876 2116 Tlx: Fax: 516 876 2117

Source Ref: Co Info Sheet, Police & Security News 2/93 P35

Exhibition: COPEX Miami 91

Export/Imports:

Copex Miami 91 – Aimed at Latin America, Carribean Markets.

Additional Information:

Co Info (91) – Optical & Audio surveillance – Distributor for BE Meyers DARK INVADER range of products. Also ITT Defense, VARO Inc range of products – TRACMAN Vehicle tracking system. Attache video recorder & Transmitter system.

COPEX Miami 91

P&Sec News 2/93 – ANVIS-6 night vision aviators goggles – generation III, AN/PVS7B night vision goggle Generation II & III, Weapon sight Generation III, Laser assisted Dark Invader – camera and video compatible.

Criminal Research Products Inc

PO Box 408, 206–18 East Hector Street
Conshohocken Pennsylvannia PA 19428
USA

Tel: 215 828 5326 Tlx: Fax: 215 828 5326

Turnover: (90) $3M

Directors: (93) Richard Lawler (VP Sales)

Source Ref: SW Thesis 87, American Export register 91, IDD 93

Export/Imports:

Am Ex 91 – Law Enforcement Equipment

Additional Information:

SW87 – Fingerprint recognition, comparison & collation systems

Am Ex 91 – Fingerprint equipment, Riot Control, Electronic Investigation equipment

IDD 93 – Fingerprinting equipment & fingerprint recognition equipment, manufacturer of crime scene investigation & fingerprint products.

Dektor Counter-Intelligence & Security Inc

310 E. Montgomery Crossroads,
Suite 21 Savannah GA 31406
USA

Tel: 912 352 8586 Tlx: Fax: 912 238 0075

Source Ref: SW Thesis 87, American Export Register 1991

Export/Imports:

American Export Reg 91 – Law Enforcement Equipment

Additional Information:

SW 87: Bugging equipment

American Export Reg 91: Eavesdropping countermeasures equipment, Countermeasures training, Voice stress analysers, Countermeasures services

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E-Systems Inc

6250 LBJ Freeway
Dallas Texas TX 75240
USA

Tel: 214 661 1000 Tlx: 703365 Fax: 214 661 8505

Subsids: (95) E-systems Garland Division, Greenville Div, Melpar Division, Montek Division, ECI Division, Serv-Air Inc, Center for Advanced Planning & analysis, Engineering Research Associates, HB Systems, E-Systems Medical Electronics, (95) E-Systems Melpar Division

Turnover: (94) $250m+

Directors: (95) AL Lawson (Pres), SA Musa, HG Sullins, WR McClain, MM McWilliam, JE Kumpf, JW Pope, DG Homan, (92) E Gene Keiffer (Chr), A Lowell Lawson (Pres)
Source Ref: M. Klare, 18/2/91 Business Week, Defense News 16/9/91, Duns Million Dollar Co 92, JDW 10/9/94, IDEX 95 Catalog, Police & Security News 3–4/95, Thomas Register 95 Exhibition: Farnborough 94, IDEX 95

Export/Imports:

M. Klare – 1977 Digicom Police Computer System to Argentina.

Bus Week 18/2/91 – Contract to build $3 Billion Electronic Security System for Saudi Interior Ministry.

DN 3/91 – D 500 Reconnaissance Programme – EGRETT for Germany.

Additional Information:

Thomas Register 95: Advanced electronic warfare systems, command, control & communication systems C3I.

Products and SIC Codes: Command, Control & Communications systems (3625, 3663, 3669, 3822, 3823), Communciation Systems (3571, 3661, 3669), Control systems (3823), Countermeasures – electronic (3663), Electronic Warfare systems (3812), Guidance equipment (3812), Systems-navigation (3812)

Number of employees: 18622.

Factory/Plant location: St. Petersburg (Florida), Garland & Greenville (Texas), Salt Lake City (Utah), Arlinton and Falls Church (Virginia), State College (PA)

IDEX 95: High technology electronic systems and products specialising in intelligence, reconnaissance and surveillance systems

(92) Trainer version of EGRETT Aircraft, Battlefield Information Collection & Exploitation Systems (BICES).

Bus Week 18/2/91 – $3 Billion contract to install electronic border system in Saudi Arabia, along the Iraqi Border but could be (for $Billions more) Extended to other areas.

M. Klare – E-SYSTEMS – A Major provider of secret electronic & radio equipment to the CIA & Pentagon (Developer of "Electronic warfare" equipment used in Vietnam) – Delivered in 1977 largest, most complex Police Computer system to date to Argentina Police. DIGICOM System (See also Computer Decisions Article).

1995 – Comprehensive computer and national ID Card system to Argentina. (Newsbytes).

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Elbit systems

Billerica
Massachussetts MA
USA

Holding co: (91) elbit (israel)

Source Ref: defense news 30/9/91

Export/Imports:

Dn 9/91 – established by israel parent company to supply complete line of vision technology in north America. Night vision goggles, headup displays etc

Additional Information:

Dn 9/91 – night vision goggles, combat vetronics systems, advanced avionics, head up displays

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Eyedentify Inc

1800 NW 169th Place, Building 900
Beaverton Oregon OR 97006
USA

Source Ref: ILE Vol2 (85), Co Info 10/89, COIN 90 Exhibition: Int Security Essen 84

Design and manufacture of retina scanning biometric identification equipment.

Export/Imports:

Co Info 10/89

Distributor in Singapore – K.S. Quek – S & T enterprises.

International References

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Hughes – Tactical Land Systems Div,

Electro-Optical
PO Box 902
El Segundo California CA 90245
USA

Tel: 310 616 7114 Tlx: Fax:

Holding Co: (92) Hughes Aircraft Company, GM Hughes Electronics.

Source Ref: Co Info 9/92, Law Enforcement Product News 7–8/93, Despatches IDR 10/95, p7 Exhibition:

Export/Imports:

LEPN 7–8/93 – Feb 93 – Two of Ontarios police cars were fitted with the DataVision Head-UP Display.

Additional Information:

Despatches IDR 10/95: Hughes Motion Detection Radar-1 (MDR-1), a lightweight device which can detect motion through non-metallic materials such as concrete, wood, brick and stucco. The MDR-1 can be housed in a range of suitable non metal containers such as backpacks, softbag, plastic dust bin. Suited for use in Fighting in Built Up Areas (FIBUA), special forces in hostage rescue situations, military police in security operations.

Co Info 9/92 – HIRE: Hughes Infra Red equipment, LAV-25, LAV-105. Thermal Imaging system for a wide range of vehicles.

LEPN 7–8/93 – A head-up display (HUD) is now available for use in police cars, to assist officers in maintaining a vigil outside whilst being able to simultaneously monitor instruments.

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Il Morrow Inc

Salem Oregon
USA

Source Ref: International Law Enforcement vol 2,7 (85), p48

Export/Imports:

ILE vol 2,7 (85): Exported Vehicle Tracking System to Saudi Arabia Distributor, Canadian Marconi company and US State Dept,

Additional Information:

ILE vol 2,7 (85): Vehicle Tracking System (VTS). "The use of the system has obvious applications in the law enforcement area where it can be used in association with both marked and unmarked patrol vehicles. Other applications include the monitoring of public transport systems or elements of covert operations using both land and airborne vehicles".

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International Commercial Services (AFM USA inc)

12350 Barbee Road
Bristow Virginia VA 22013
USA

Tel: 703 266 0356 Tlx: Fax: 703 330 5120

Source Ref: Copex 91 Catalog, Co Info 11/91, Copex Miami 93 catalog, International Defence Directory 95 (see NII Stali) Exhibition: Copex 92, Copex Miami 93

Export/Imports:

Copex Miami 93 – offices and transfers between former Soviet Union, Hungary & USA.

Additional Information:

Copex Miami 93 – ICS was established in 1989 and presently has offices in Washington DC Area, Budapest and Moscow. Specialize in finding and selling Eastern European assets to Western companies.

Copex 92: Members of the former Soviet Elite will be marketing special equipment previously only available to organisations like the KGB, the Russian "Commando" forces, "Spetnaz", and other special units of the Kremlin. This equipment will include, but not be limited to, Miniature microphones and transmitters, bug-detecting equipment, bullet proof clothing – which doesn't look bullet proof, night vision equipment, special customs and bank equipment, laser target locating devices, high powered super accurate crossbow.

Electric Shocking devices

International Commercial Services (ICS) was established in 1989 and presently has offices in the Washington DC area, Budapest and Moscow. Specialise in finding and selling Eastern European assets to Western Companies and Governments, and in assisting clients in "making things happen" in Eastern Europe, with emphasis on Russia.

European offices are run by former diplomats and military officers of both the USA and Russia who access to people who can get things done. Our US office adds to

that support with additional former high level government and business people.

Co Info 11/92 (Copex): 1PN50 Night Binocular, Sheet shows several contact addresses: NOVO, Kutuzov pr. 7/4 bld 5, apt.7, Russia, Moscow. Tel 8-095 243 67-65. Fax 8-095 243 67-65. Europe: ICS, ISTENHEGYI, UT 56A, H-1125, Budapest, Hungary. Tel 36-1 175 1975. Fax 36-1 175 1754. North or South America: AFM-USA, 12350 Barbee Road, Bristow, VA 22013, USA. Tel 703-266-0356, Fax 703 230 5120.

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Law Enforcement Associates Inc

100 Hunter Place,
PO Box 639
Youngsville North Carolina NC 27596
USA

Tel: 919 554 4700 Tlx: 427045 LEA BLVL Fax: 919 556 6240

Holding Co: (95) Sirchie Group

Source Ref: International Law Enforcement Vol 2.4, (85), ILE 2.6 (85), IACP 80/81, COPEX Miami 91 Catalog, American Export Register 91, Police & Security News 3–4/95, Co Info 6/95 (Police & Security Expo) Exhibition: COPEX Miami 91, Police & Security Expo 95 (USA),

Export/Imports:

American Export register 91: Law Enforcement equipment

Additional Information:

Co info 6/95: LEA 6306 TAC-6 Audio Intelligence System is one of the most comprehensive bodywire systems available. Available to law enforcement, government agencies and for export to approved agencies only. LEA 6306 TAC-6 with 1-wtt transmitter ($3995.95), with 1-watt transmitter and voice scrambling option ($4,195.95).

P&SN 3–4/95: Communications Surveillance. Manufacturer.

ILE 2.4 (85) Dark Invader night vision equipment, Attache Recorder case – undercover surveillance case with ten hour tape recorder. A discreet recording system, Dialled number decoder – comprehensive telephone monitor capable of giving the user a printout of the number dialled, the date and time of day, and elapsed time of call, Surveillance scope, Undercover intelligence kit.

IACP 80–81: Alarms, Body Armour, armoured vehicles, armoured clipboards & shields, audio tape clarification,batons, bomb detection devices, scramblers, communications security systems, communications surveillance, electronic counter measure devices, gas grenades & launchers, riot helmets, fingerprint recognition equipment, intelligence investigative, surveillance devices, lie detection training, lie detection equipment, strobe lights, psychological screening services, electronic stethoscopes, systems – countermeasures, surveillance systems, tear gas, telephone

recorders, training, armoured vehicles, Voice anaylsers and ID systems

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Litton Electron Devices Division

1215 South 52nd Street
Tempe Arizona AZ 85281
USA

Tel: 602 968 4471 Tlx: 910 950 0149 Fax: 602 968 4471

Holding Co: Litton Industries Subsids: Litton Precision Products International Inc (UK)

Source Ref: International Law Enforcement vol 2,9 (85), p32, Int'l Defence Equipment Catalog 88/9, COIN 90, Intersec 3/93 (Pg 323), International Defence Directory 95, IDEX 95 Catalog Exhibition: IACP 85, COPEX Miami 91, IDEX 95

Export/Imports:

Intersec 3/93 – Contract worth US$11.2m from the Norwegian Army material command for continued production of night vision goggles & binoculars. The run-on order brings to over 5000 the number of units purchased by Norway, valued at some US$20m.

Additional Information:

IDEX 95: Exhibiting as part of national group (USA).

IDD 95: Surveillance & identification systems, infra-red;

COIN 90 – M-802 Night vision goggles, M972/M973, M909, M-911 Night vision devices. MODEL 845 MARK II Sight, M 921 Submersible Night Sight.

IDEC 88/9: M-911 high performance pocket scope, M-912A (AN/PVS-5B) night vision goggles, M-927 Aviator goggle, M-972 One tube night vision goggle manufactured to the AN/PVS-7A US military specification.

ILE vol 2,9 (85): M909 Night vision goggles, M845 Weapon sight, M911 High performance night vision modular system exhibited at IACP 85.

Motorola Inc

1301 East Algonquin Road
Schaumberg Illinois IL 60196
USA

Subsids: (86) Milcom Communications and Electronics UK dormant company, (85) Motorola South Africa, sold its substantial interests to Altech in 1985, MD between 1978-80, T Steyn, (84) Motorola, Israel

Source Ref: Guardian 14/6/86, p3, COIN 90, Intersec 3/93 (Pg 326)

Export/Imports:

Intersec 3/93 – The Malaysian Govt has signed 50m contract for Motorola to provide the Royal Malaysian Police with the most advanced public safety radio communications systems.

Gdn 14/6/86: Motorola subsidiary in South Africa until 1985, when sold substantial interests to local company, Altech.

Additional Information:

COIN 90 – Ultrastar Microwave systems, KDT 460 Mobile data terminals, OMNITRAC Integrated security system.

Intersec 3/93 – Supplying Royal Malaysian Police with an integrated VHF telecommunications system. The Police will get a secure communications system that includes 20 consoles, 290 repeater channels and 13000 portable radios, and in addition an alphanumeric paging system and a mobile data system. The Advanced Securenet (tm) uses the latest digital technology to provide high level voice security.

NAMSI (North American Morpho Systems Inc)

Tacoma Financial Blg,
1145 Broadway Plaza
Tacoma WA 98402
USA

Tel: 206 383 3617 Tlx: Fax: 206 591 8856

Holding Co: (91) Morpho Systemes – France

Source Ref: Co Info 91, Police Chief 2/93, p64

Exhibition: IACP 92, Milipol Moscow 92

Export/Imports:

Morpho AFR systems used in France (National Police)1985, Indonesia (National Police) 1989, Hong Kong (Royal Police) 1989, Austria (National Police) 1989, Spain (Basque Province) 1990, USA (Various states) 1986-90, Other agencies – Ministry for Foreign Affairs (OFPRA) France.

Additional Information:

Co Info 91 – Produce Fingerprint recognition systems – AFR (Automatic Fingerprint recognition systems) & AFIS (Automated Fingerprint Identification system) – System exported to Indonesian Police.

Exhibited at Milipol Moscow 11/92

IACP 92 – Automated fingerprint systems.

Optic-Electronic Corporation

11545 Pagemill Road
Dallas Texas TX 75243
USA

Source Ref: CO-IN 90

Export/Imports:

Widely used by Law Enforcement agencies worldwide.

Additional Information:

COIN-90 NVS-100 Night Vision system. NVS-700 n.v.s

Questar Corp Rte

202, Box 59 New Hope
Pennsylvannia PA 18938
USA

Tel: 215 862 5277 Tlx: Fax: 215 862 0512

Source Ref: American Export Register 91,

Export/Imports:

American Export Reg 91: Law enforcement equipment

Additional Information:

American Export Reg 91: Tracking & Border inspection systems

RACOM Products Inc

5504 State Road
Cleveland Ohio OH 44134-7330
USA

Tel: 216 351 1755 Tlx: Fax: 216 661 1040

Directors: (95) David E Williams, (93) Joe Dessoffy (Sales Engineer)

Source Ref: American Export Reg 1991, Copex Miami 93 cat, Police & security News 9-10/93, p14, Co Info 12/93, Police & Security News 3–4/95, Thomas Register 95
Exhibition: Copex Miami 93

Export/Imports:

Am Ex 91 – Law Enforcement Equipment

Copex Miami 93 – the Racom 2816 DNR products are currently used by Law Enforcement agencies around the world.

Additional Information:

P&SN 3–4/95: Communications Surveillance. Manufacturer.

Copex Miami 93- Racom 2816A Six Line dialed number recorder and 2816P Briefcase Style dialed Number recorder. The 2816A and 2816P are each microprocessor controlled Dialed No Recorders designed to monitor and document activity on subscriber lines. The 2816A is capable of monitoring up to six subscriber lines simultaneously whilst the 2816P monitors one line and comes in a covert, Rona leather briefcase. Each has a built in dot-matrix printer, headphone and voice recorder jacks for each line, RS232 data output, Caller Number delivery capability and slave support.

Co Info 12/93 – 2816 Dialed Number Recorder with Audio Monitoring Outputs.
Features:

Monitors 1 to 6 lines simultaneously, Separate audio outputs per line, LCD readout of system status, Prints date, time of day, length of ring, elapsed time of call and number dialled, Separate line activity indicators.

Applications Law Enforcement “target line” observation Law Enforcement wiretapping (III).

Options RS 232 data output, Internal Memory buffer (holds approx 750 calls), Loop extenders for slave applications, Computer program for sorting call information.

American Export Reg 91: Solid State voice storage devices, Dialed digit printers & Radio Transmitter identifiers.

Rockwell International Corporation

USA

Source Ref: American Arms Supermarket, M.Klare (84), p189, SW Thesis 87, JDW 10/9/94,

Exhibition: Farnborough 94

Export/Imports:

American Arms Supermarket (84) Lists details of sales of OV-10 Bronco (counter-insurgency planes) to the following countries (in recent years – early 80’s): Thailand (46), Indonesia (16), Philippines (18),

Additional Information:

SW 87 – Police Computers

Sherwood International Export Corp

18714 Parthenia Street
Northridge California CA 91324
USA

Tel: 818 349 7600 Tlx: 662439 Fax: 818 349 8168

Directors: (95) Michael D. Kokin, L Shannon, (93) Michael D Kokin

Source Ref: Internal Security Weapons, IACP 80/81, International Defence Directory 93 (IDD),IDD 95 Exhibition:

Export/Imports:

IDD 95: Representative in Brazil: Feliciano Henriques, Sherwood Internacional Representacio Ltda

ISW 79: Sherwood M-17 Gas Mask US & Canadian Armed Forces, Singapore, Sudan, Thailand.

Additional Information:

IDD 95: Ammunition, riot control; grenades, riot control; weapons, anti-riot; grenades launchers, anti-riot; guns, anti-riot; shotguns, anti-riot; police & gendarmerie, pistols, rifles, shotguns; PO box 1428, Stafford, VA 22555. Tel 703 684 4080. Fax 703 684 9177. Representative L. Shannon. Procurement services.

IDD 93 – Provides design, development, retrofitting, spare parts, support, training, licencing, modernization to assist Government through out the world with their ordnance requirements.

Washington Office, 1800 Diagonal Road, Ste 240, Alexandra, VA 22314. Tel 703 684 4080, Fax 703 884 9177, Tlx 197770

Riot Control Ammunition & grenades, anti-riot weapons, guns, shotguns, grenade launchers, anti-riot CS irritant smoke grenades (hand & weapon launched), CN grenades, Distraction & Stun grenades, grenades – weapon launched, Shotguns, rifles, guns, Combat Grenades, Combats – Defensive, Grenades Combat – anti-personnel, Manufacturer of Bayonets.

IACP 80/81 – Body Armour, Binoculars, Galvanometers, Grenade Launchers, Riot Helmets, Holsters, Reloaders & Ammunition supplies, weapons accessories, chemical weapons, telescopic night vision weapon sights.

ISW 79 – M-17 Gas Mask.

Sirchie Fingerprint Labs Inc

PO Box 30576,

5825 Triangle Drive Raleigh
North Carolina NC 27612
USA

Tel: 919 781 3120Tlx:Fax: 919 787 2952

Holding Co: (91) Sirchie Group Subsids: (95) Law Enforcement Associates

Source Ref: SW Thesis 87, Thomas Register 91 (US), American Export Register 91, Police Chief 2/93, p65, Police & Security News 3-4/95 Exhibition: IACP 92

Export/Imports:

Am Export 91 – Law Enforcement Equipment.

Additional Information:

P&SN 3–4/95: Tactical Riot Helmets. Manufacturer.

Thomas Register 91: Humane Restraints.

American Exports 91 – Riot Control Equipment, computerized facial identification systems, explosives detectors.

SW 87 – Fingerprint, Comparison and collation systems.

Stano Components

PO Box 2048
Carson City Nevada NV 89702
USA

Tel: 702 246 5281 Tlx: Fax: 702 2465211

Source Ref: Co Info 91, Police & Security News 3-4/95

Exhibition: COPEX Miami 91

Export/Imports:

COPEX Miami 91 – Manufacturer & provider of quality crime-prevention & counter-terrorism equipment to Law Enforcement Agencies & US Allies throughout the world.

Additional Information:

P&SN 3–4/95: Intrusion Detection Systems. (Manufacturer, Distributor & Service Provider).

COPEX Miami 91 – SC/PVS-400 Night Vision Viewer.

Star-Tron Technology Corporation

**RIDC Industrial Park,
526 Alpha Drive Pittsburgh PA 15238
USA**

Tel: 412 963 7170 Tlx: Fax: 412 963 1552

Turnover: (91) $1m+

Source Ref: International Law Enforcement vol 2,9 (85),p32, COIN 90, Co Info Sheet 91, Thomas Registr 92 Exhibition: IACP 85, COPEX Miami 91

Export/Imports:

See also M.Klare Supplying Repression for details of exports whilst part of Smith & Wesson.

Co Info 91 – Night Vision equipment sold to over 600 customers worldwide.

Additional Information:

ILE vol 2,9 (85): Exhibiting the Mk-606A series 3 passive night vision system which is designed for long range surveillance at IACP 85.

COIN-90 Originally owned by Smith & Wesson – now independent.

Star-Tron MK-101B, MK-202B, MK-303A, MK-426, MK-850 Night Devices – MK-869 Second Generation Night Sight.

Sti-Co Industries, Inc

**11 Cobham Drive Orchard Park
New York NY 14127-4187
USA**

Tel: 716 662 2680 Tlx: Fax: 716 662 5150

Directors: (95) William M. Baker (Marketing)

\Source Ref: Co Info 9/95

Export/Imports:

Co Info 9/95: Sti-Co supplies and resupplies more than 3000 United States federal, state and local law enforcement agencies with mobile twp-way antennas and accessories. We also sell to an international market that includes Canada, Mexico, South America, Western and Eastern Europe, Asia and the Middle East.

Additional Information:

Co Info 9/95: STI-CO manufactures disguised mobile two-way antennas, including

custom cowl mount low band, high band, UHF and broadband models, cellular look-alike VHF, UHF and dual band antennas; low profile transit antennas; and accessories.

STI-Co's disguised mobile antennas are very visible, but cannot be seen! The antennas are exact replacements – down to the last detail – for factory instaled AM/FM entertainment antennas.

Often, we custom manufacture products that you will not see in our catalog, to satisfy particular technical standards required by our customers. We are known as the industry leader of custom disguised mobile two-way antennas.

Surveillance Technology Group (USA)

**540 W. Boston Post Road
Mamaroneck New York NY 10543
USA**

Tel: 914 934 2448 Tlx: Fax: 914 698 6671

Source Ref: Co Info 87, Co Info 90, Co Info 11/93 (Milipol 93)

Exhibition: Copex 89, Milipol 93

Export/Imports:

Co Info 87 – Authorized US Agent for Surveillance Technology Group (UK)

Additional Information:

Co Info 90 – STG 4415 Facsimile intercept – Also Office. 9465 Wilshire Blvd, Beverley Hills, CA 90212. Tel 213 274 4026. (See also Surveillance Technology Group UK & CCS Communication Control Inc).

SWS Security

**1300 Boyd Road Street
MD 21154-1826
USA**

Tel: 410 879 4035 Tlx: Fax: 410 836 1190

Turnover: (94) $1m+, (93) $1m-

Source Ref: National Security May/June 89 p22, Thomas Register 92, IPEC 2/93, Co Info 3/93, Thomas Register 94, Police & security News 3-4/95, Thomas Register 95

Export/Imports:

Thomas Register 95: Sales and Service in Ankara (Turkey), Bogota (Colombia), Delhi (India), Dhaka (Bangladesh), Jakarta (Indonesia), Manila (Philippines), Melbourne (Australia), Ontario (Canada), Seoul (South Korea) and the USA. Worldwide

emergency services available. Serving Governments since 1972.

Additional Information:

Thomas Register 95: Manufacturers of specialised products for electronic surveillance, intelligence gathering and radio communications. For drug busting or covert operations. Vision 2000 (Tm) Night vision system, Vehicle tracking (bumper beeper) systems, ICOM two way radios, portable repeaters, encrypted (secure) two way radios, covert video surveillance, body worn video camera/transmitters, Beeper Buster Pager Intercept System, telephone, room and body transmitters, custom video and audio surveillance, wireless video transmitter systems, executive protection equipment, signal intercept and analysis systems. Note we are original developers and manufacturers of surveillance products and technology. Our products are intended for use by Government agencies only – no consumer or retail requests please. We do not manufacture debugging, alarm, uniform, vehicle or CCTV equipment.

Dealers/Agents/Exporters and ALL non-Government requesters must send deposit (refundable) of $25 ($50 outside USA) for catalog and dealer information package.

P&SN 3–4/95: Communications surveillance. Manufacturer.

Thomas Register 94: Manufacturers of electronic surveillance, intelligence gathering & radio communications systems since 1972. Primarily for Government Agencies.

IPEC 2/93 – Covert Pager monitoring system – SWS Security introduce the crimefighting tool, the Beeper Buster (tm), a compact & reliable system, which allows authorised investigative or law enforcement agencies to capture, display & record all messages sent to any type of digital pager. Even the nationwide pagers can be monitored. Up to 100 pagers and 20 search strings can be monitored at any one time.

TR 92 – Electronic Surveillance Equipment – two way radio equipment for drug busting or covert operations. Vision/2000 night vision systems, vehicle tracking systems (bumper beepers), sting equipment, portable & mobile two way ICOM, Standard and YAESU radios, portable repeaters, encrypted two-way radios, covert video surveillance (systems). Restricted Items for Police only – others need not inquire (!) – body mic systems, Beeper Buster digital pager monitoring systems, telephone and room transmitters, custom video and audio surveillance, wireless video transmitters, undercover transmitters, Title III equipment.

Toll Free No: 1-800 SPOT CRIME

Nat Sec 5–6/89 – TRACMAN Covert vehicle tracking system. Intended for professional intelligence and surveillance use, the TRACMAN functions by electronically tracking a high powered beacon transmitter which has been affixed magnetically to the vehicle under surveillance. The system is equally suited for both ground based or airborne surveillances.

Technipol International Corp

1181 Chess Drive, Bldg 8
Foster City California CA 94404
USA

Tel: 415 349 5661 Tlx: 349-445 TECHNIP Fax: 415 341 2859

Source Ref: IACP 80-81, American Arms Supermarket, M.Klare (84), p198, Thomas Register 91, Thomas Register 92 (US), American Export Reg 91, Thomas Register 94

Export/Imports:

Am Export 91 – Law Enforcement equipment.

Additional Information:

Thomas Reg 94: Equipment & training techniques for law enforcement and security agencies, listed under Irons, leg.

Thomas Reg 92: Equipment & training techniques for law enforcement and security agencies.

Thomas Register 91 – Humane restraints.

American Arms Supermarket (84) advertising a wide range of "restraint equipment" including Leg Irons, shackles and "thumbcuffs".

IACP 80/81 – Body Armor, bomb disposal equipment, gas masks, tear gas grenades, riot helmets & equipment, metal detectors, mobile crime labs, night vision equipment, countermeasure systems, tear gas, training courses, fingerprint identification equipment, armoured vehicles.

Texas Instruments

Dallas Texas
USA

Source Ref: Janes Defence Weekly (JDW) 26/10/91, Journal of Electronic Defense 9/92, p26 Exhibition:

Export/Imports:

JDW 26/10/91: Texas Instruments to supply 650 Thermal Sights worth $85 million for armoured infantry fighting vehicle, 217 Thermal Imaging sights provided by Marconi Command & Control also involved FMC, Nurol Savumma (Joint Venture).

J. Elec Defense 9/92: TI Defence Systems & Electronics Group has provided 4 Escort electro-optic thermal surveillance systems to Turkey. The FLIR systems were delivered to the Turkish Ministry of Interior to be fielded by the Turkish National Security Forces. The passive sighting, common module system can be run from a battery for man-portable operations and can be used on a jeep. The whole systems weighs less than 15 lb and can be carried in 2 backpacks.