Identification Systems/ Surveillance and Databases

Siemens Plessey Controls Ltd (Traffic Division)
- SCOOT system used in Toronto, Bahrain, Beijing and Santiago de Chile.
- control equipment & systems, Saudi Arabia
- control equipment & systems, China (Tien Anmen)

Siemens Plessey Defence Systems Ltd
Supplies CCIS computerized battle management system to Indonesia. Indonesia is the first customer for the Generics Command and Control information system (CCIS) developed by Plessey Defense Systems.
£ 20 million contract with Egypt for electronics defense system.
Electronic warfare systems and equipment: specializes 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, communications and intelligence systems.
"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."
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 database management system and can be processed and related to high-resolution color map displays. Generic's software is written in Ada, the language being adopted by NATO for all future processor-based defense systems. Generics is available in a variety of configurations - specialised single operator workstations to integrated multi-position networks.

DELPHINE passport

With the digitalization of the bearer's photograph, the new Delphine passport fits into the operational modes of the SIS database (Schengen Information System) and the French STIC (System for the treatment of confirmed infractions), following the Schengen treaty agreement.
http://www.conseil-constitutionnel.fr/cahiers/ccc3/ccc3j389.htm

The new article 8-1 of French law allows the police and gendarmerie to hold the passport or travel document of people of foreign nationality in conditions of illegal presence on the territory
(http://www.interieur.gouv.fr/bomi/bomi/1trim01/d0100048.htm)

Schengen Information System

- - Protestors database
- - register of all third-country nationals in the EU who will be tagged with an "alert" if they overstay their visa or residence permit
- - restricted access terrorist database
- - persons precluded from leaving the Schengen area

(1999)
9 million notices
6 million ID documents
1 million for vehicules
1.3 million for persons
60 % of the notices are emmitted by Germany and France.

Schengen Information System The countries participating in the system are: Belgium, the Netherlands, Luxembourg, France, Germany, Italy, Portugal, Spain, Austria, Greece, Sweden, Denmark, Finland, Iceland and Norway. The data sets entered by the Schengen states amounted to almost 12 million in late 1999. The major data suppliers are Germany, France and Italy. The Netherlands, Belgium, and Greece also carry out a rather extensive transfer of their data. Spain and Portugal appear somewhat less zealous. Beyond its sheer capacity, the efficiency of the SIS is measured by speed. The entry or updating of a notice in a country is transmitted to the central system. This system validates the data after a technical check and retransmits it to all the national systems in less than five minutes. The notice of a stolen vehicle in Paris is present in all the national databases five minutes later.
The number of system users is very high. In France, 15,000 computer terminals constitute portals to the system, which is accessible to the police, the gendarmerie, customs, the prefectures, the Ministry of the Interior and the Ministry of Foreign Affairs. SIS totals for 1998, in France, are as follows: over 11,000 foreign notices entered the French database (individuals, objects or vehicles sought in other countries); over 3,000 national notices were transmitted to the other countries.

The new Department of Homeland Security, created by Bush, will have an annual budget of 37 billion dollars and will employ 170,000 people. It will occupy third place in terms of the size of its budget and personel, behind the Defense Department (Pentagon) and the Veterans Administration. It will leave the strctures of the FBI and the CIA intact. This new federal department will absorb cybersecurity organizations such as the Critical Infrastructure Assurance Office, run by the Department of Commerce; the National Infrastructure Protection Center, run by the FBI; the National Communications System run by the Department of Defense; and the Federal Computer Incident Response Center, run by the administration of federal services.

SD-Scicon UK Ltd
1-3 Bartley Way,
Bartley Wood Hook Hampshire RG27 9XA
UK
Tel: 0256 742000 Tlx: Fax: 0256 742700
Export of computing systems to Saudi Arabia for use by General Intelligence Department. Scientific Control Systems (Scicon) signed a contract with the GID (General Intelligence Department) in Saudi Arabia to provide computer systems that would register surveillance lists and "black lists" of foreign and Saudi citizens, and lead to appropriate "executive action" including harassment, arrest, covert surveillance and interrogation.

Computer Sciences Corporation (CSC)
El Segunndo, CA, USA
Saudi Arabia Ministry of Interior System (SAMIS). SAMIS/SAMIS II driver's licences, visas and "miscreant" identification/control (miscreants includes illegal workers, Shi'ite activists and Christian missionaries).

Control Data Systems - USA
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.

E-Systems Inc
6250 LBJ Freeway
Dallas Texas TX 75240 USA
Tel: 214 661 1000 Tlx: 703365 Fax: 214 661 8505
Number of employees: 18622
Bus Week 18/2/91 - Contract to build $3 Billion Electronic Security System for Saudi Interior Ministry. $3 Billion contract to install electronic border system in Saudi Arabia, along the Iraqi Border. A major provider of secret electronic & radio equipment to the CIA & Pentagon (Developer of "Electronic warfare" equipment used in Vietnam) - Delivered in 1977 the largest, most complex Police Computer system to date, the Police Comprehensive computer and national ID Card system to Argentina (**Digicom Police Computer System to Argentina.)**
The Argentina Passport and Federal Police Identification System, developed by Raytheon E-Systems, was inaugurated at the Buenos Aires airport (1992). The system combines personal data, color photos and fingerprints.

general atomics

Predator

Murder of Mohamed Atef, first lieteanant of Ben Laden, November 15, 2002, Afghanistan

windows NT

microsoft

Internet Explorer

carnivore

Globally Unique Identifier

The Biometric Consortium

http://www.biometrics.org

FBI's Automated Fingerprint Identification System (AFIS/FBI)

Biometric Management Office (BMO)

http://www.c3i.osd.mil/biometrics/

Database on Welfare Beneficiaries in New York State

AFIS system In 1995, New York was the first state to cover its entire territory with an AFIS (Automated Fingerprint Imaging System) in order to identify its 750,000 welfare beneficiaries. This "improvement" permitted the exclusion of 30,324 recipients from the right to social assistance and generated savings of 256.2 million US dollars.

Automated Fingerprint Identification System (AFIS)

Lockheed Martin

Raytheon Hughes

Raytheon E-Systems Inc

Siemens Plessey

Siemens

bnd

ETSI - "European Telecommunications Standards Institute"
http://www.etsi.org/

German State

French State

European Union

Saoudi Arabian State

Brazil

Abin is the central body of an intelligence system that is spread out through federal, state, municipal and even private organizations. The intelligence system operates under the name of Sisbin (Brazilian Intelligence System).

Chinese State

American State

cia

nsa

department of defense

departement of the air force

Department of Homeland Security

accord

fbi

Enfopol

Enfopol: A massive eavesdropping system capable of intercepting all mobile phone calls, Internet communications, fax messages and pagers throughout Europe.

IUR "International User Requirements for Interception"

Nortel Networks/FBI: common standard to intercept telephone communications (CALEA), in conjunction with technology transfer through its joint venture, Guangdong Nortel (GDNT)

Nortel Networks

Shasta 5000 firewall. This technology will also make it more difficult for Chinese dissidents to have clandestine communications and will facilitate police monitoring of Internet users attempting to access URLs not judged appropriate by the Chinese government;
Nortel Networks: the integration of face recognition and voice recognition technology in collaboration with AcSys Biometrics, a subsidiary of Burlington, Ontario-based NEXUS.

Nortel Networks: promotion of JungleMUX (video surveillance data to be transported from remote cameras back to a centralized surveillance point for the Chinese Ministry of Public Security (MPS)
Nortel Networks joint research with Tsinghua University on specific forms of speech recognition technology, for the purpose of automated surveillance of telephone conversations

Tsinghua University

NAV.S.T.AR-G.P.S

digital angel™

Applied Digital Solutions cc.

Digital Angel
http://www.digitalangel.net
microscopic emmitter-receiver ("miniaturized computer chip") which can be implanted in human beings.
Potential applications: furnishes an infallible means of identification and localization of individuals, in the new domain of the Internet network and in any transaction involving high-security electronic commerce.

Global System for Mobile Communications (GSM)

A cell-phone's Sim card can be located thanks to one of the 30,000 base stations of the GSM network or to one of the satellites used by the GPS (Global Positioning System)

navstar

GLO.N.A.S.S

Russian State

Matrics - RFID
For more than two years, a team of former National Security Agency scientists has eschewed the Internet boom in favor of a simpler task: building a better radio frequency identification chip known as RFID. Now the company, Matrics, is ready to launch, and it's doing so with a $14 million investment from venture capital firms Novak Biddle Venture Partners, The Carlyle Group, Polaris Venture Partners and Venturehouse Group.
Matrics (http://www.matricsrfid.com) closed the deal in December, but has chosen to lay low until its product is launched. What the company promises is a cheaper, smarter version of the RFID tag, which could be attached to virtually any product that needs tracking, from DVDs in a video store to engine turbines in an airport hangar. Ideally, a cheap RFID could replace the ubiquitous UPC bar codes on consumer goods because it can track more information.

Network Solutions Inc (NSI) Domain name registration company that delivers IP addresses. In 1988, an international consensus gave rise to a new organization, the Internet Corporation for Assigned Names and Numbers (ICANN), but this does not change the fact that domain names are still recorded on the databases of (SAIC-)NSI

Spanish State

TV2 Ltd

TV2 Ltd
Sigmaform House,
Sywell Road Park Farm,
Wellingborough Northants
NN8 6XD - UK
Tel: 01933 403 400 Tlx: Fax: 01933 403 402
Contract to supply Spain's Basque Police with system for the transmission of data between mobile policing situations. 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 approximately three times further than conventional microwave antenna systems, so extending the practical range of operation.

UKUSA Signals Intelligence Agreement Partners
UKUSA is the secret signals intelligence agreement, set up in 1947, that divided the world into five regions to be watched over by Australia, Canada, New Zealand, Britain and America.

Australia DSD - Defense Signals Directorate
Canada CSE - Communications Security Establishment
New Zealand GCSB - New Zealand's Government Communications Security Bureau
UK GCHQ - Government Communications Head Quarters
USA NSA - National Security Agency

IUR a tagging system, currently being designed, to create a data processing and transmission network to track suspects. The system will also merge mobile phone data to create comprehensive geographic location tracking system.

KH-11

photography resolution: 10 cm

Trumpet

cell-phone tapping

UKUSA

(1998)
Surveillance capacity of 2 million conversations per minute, or 3 billion per day

echelon

Common standard to intercept telephone communications (CALEA)

CALEA redefines the telecommunications industry's obligation to assist law enforcement in executing lawfully authorized electronic surveillance. In 1991, the FBI held a series of secret meetings with EU member states to persuade them to incorporate CALEA into European law. The meetings included representatives from Canada, Hong Kong, Australia and the EU. At these meetings, an international technical standard for surveillance, based on the FBI's CALEA demands, was adopted as the "International Requirements for Interception."
PATHWAY NSA communications server furnishing a fast, efficient, high-security network for the ECHELON system

PATHWAY

The IDEAS Operation

Science Application International Corporation (SAIC)

SAIC: 41,000 employees, an annual turnover of 5.5 billion dollars, 620 million dollars profit in 1999. The company's major client is the American government, 79% of total turnover comes from the Pentagon. Among the SAIC's achievements: digital cartography of the USA and digital early warning system for environmental data; security system for Defense Department computers; installation of computerized decision-making and transmission systems for oil conglomerates such as BP Amoco; computerization of the American reserve army mobilization system; design and installation of transmission systems between command posts and combatants (Defense Information Systems Network); design of C4I command centers for naval and space warfare; modernization of the space-based mapping networks of the National Imagery and Mapping Agency; surveillance of the execution of nuclear non-proliferation treaties; design of training and simulation equipment for F-15 and F-16 pilots; design of satellite sensors and observation equipment for NASA; creation of the largest criminal information database for the FBI (with files on 38 million suspects); etc.
In the period of 1992-1995 alone, the SAIC hired 198 former colonels and generals of the US armed forces. Among its administrators, the SAIC has had the former Defense secretaries William Perry and Melvin Laird, and the former CIA directors John Deutch and Robert Gates.

VeriSign Inc

Network Solutions Inc (NSI)

2.14

Steria

dga

dgse

cea

1 - French General Directorate of Armement
2 - French General Directorate of Secret Services
3 - French Atomic Energy Commission

Groupement des contrôles radio-électriques (GCR)

cooperation treaty