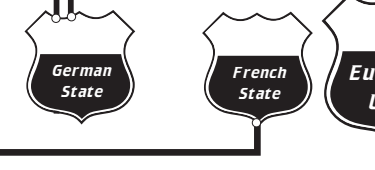
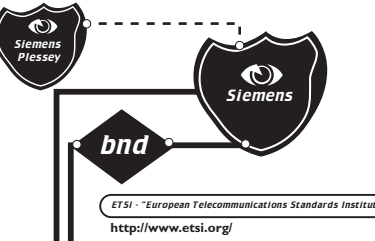


# Identification Systems / Surveillance and Databases

**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 Defence Systems.

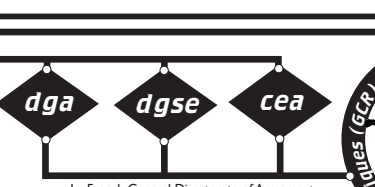
£ 20 million contract with Egypt for electronics defense system. Electronic warfare systems and equipment: specializes in the design and manufacture of communications intelligence (COMINT) systems. Electronic Support Measures (ESM), and Electronic Counter-Measures (ECM) can be integrated into command, 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 processed in a distributed relational database management system and can be processed and related to high-resolution color map displays. Generics' 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.



**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.



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



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

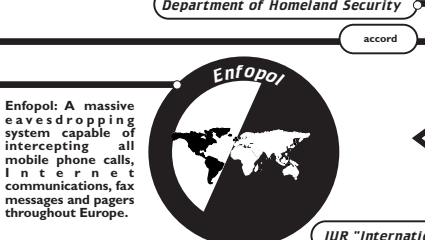
**DELPHINE passport**  
 With the digitalization of the bearer's photograph, the new Delphine passport fits into the operational modes of the SIS database (Schengen Information System) and the French STIC (System for the treatment of confirmed infractions), following the Schengen treaty agreement.  
<http://www.conseil-constitutionnel.fr/chaier/cc3/cc3389.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/bomi1/trim01/d0100048.htm> )

- Protectors 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 database
  - persons precluded from leaving the Schengen area
- (1999)  
 9 million notices  
 6 million ID documents  
 1 million for vehicles  
 1.3 million for persons  
 60 % of the notices are emitted 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.

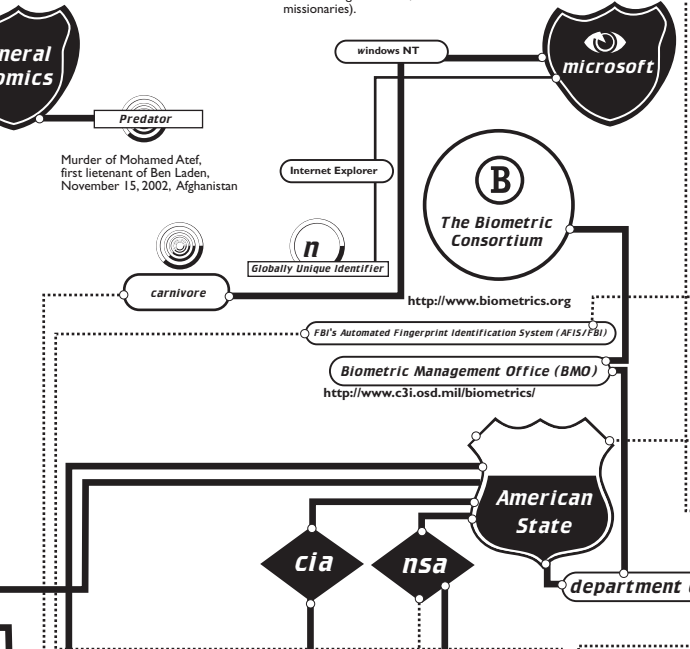
The new Department of Homeland Security, created by Bush, will have an annual budget of 37 billion dollars and will employ 170,000 people. It will occupy third place in terms of the size of its budget and personnel, behind the Defense Department (Pentagon) and the Veterans Administration. It will leave the structures 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.



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



with 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 secretary William Perry and Melvin Laird, and the former CIA directors John Deutch and Robert Gates.

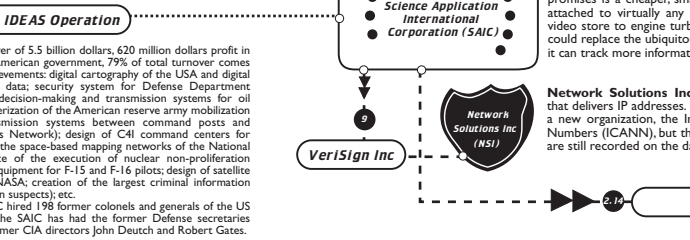
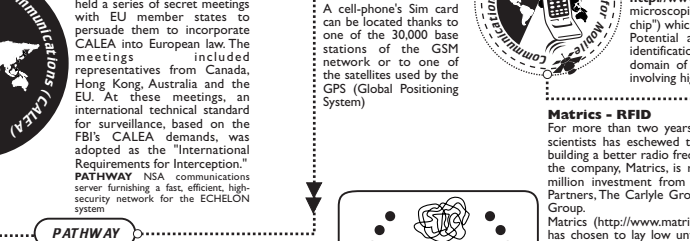


**Nortel Networks/FBI:** common standard to intercept telephone communications (CALEA), in conjunction with technology transfer through its joint venture, Guangdong Nortel (GDNT)

**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

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)

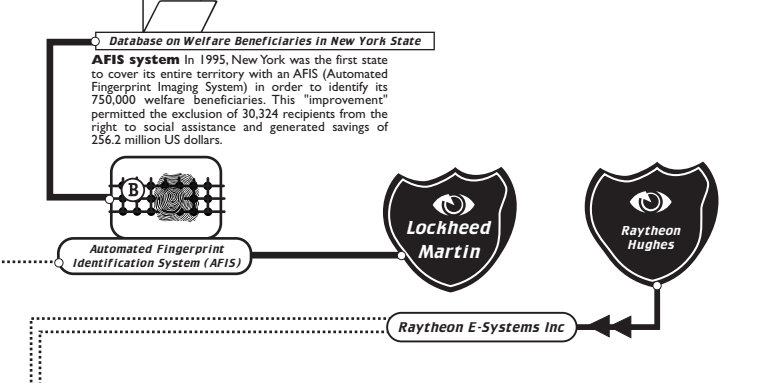


**SD-Scicon UK Ltd**  
 I-3 Bartley Way, Bartley Wood Hook Hampshire RG27 9XA UK  
 Tel: 0256 742000 Tlx: Fax: 0256 742700  
 Export of computing systems to Saudi Arabia for use by General Intelligence Department. Scientific Control Systems (Scicon) signed a contract with the GID (General Intelligence 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 Segundo, CA, USA  
 Saudi Arabia Ministry of Interior System (SAMIS), SAMIS/SAMIS II driver's licences, visas and "miscraent" identification/control (miscraents includes illegal workers, Shi'ite activists and Christian missionaries).

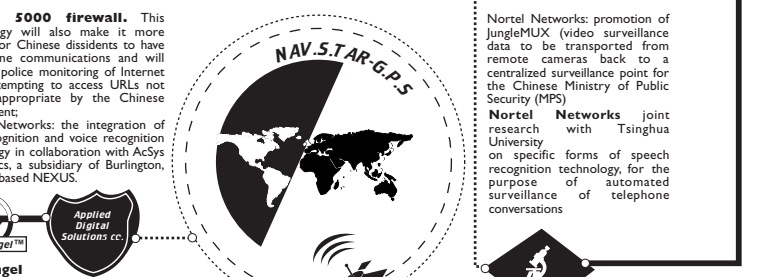
**Control Data Systems - USA**  
 From the mid 1980s, Control Data has supplied the Population Identification Number Project infrastructure for the Thai Ministry of the Interior. This integrated system creates an ID card, electronic fingerprint and facial image, and electronic data link involving the 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 LB 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 Iraq Border. A major provider of secret electronic and radio equipment to the CIA & Pentagon (Developer of "Electronic warfare" equipment used in Vietnam) - Delivered in 1977 the largest, most complex Police Computer system 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.



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 Sisin (Brazilian Intelligence System).

**Saudi Arabian State**  
**Brazil**  
**Chinese 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.

