

## PRESS INFORMATION

# Steria and IT Security



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## Steria and IT security

In order to boost performance in a constantly changing environment, companies and public authorities are opening up their systems, thus exposing themselves to increasingly complex and numerous risks. Mastering information systems security has therefore become a top priority. Steria, a European end-to-end IT services provider, is a major player in the field of security. It boasts several hundred specialised engineers and consultants and nearly 20 years' experience in the development of large-scale projects where security is a strategic, often critical, issue.

Steria's security offer is based on three complementary areas of expertise: consulting, which draws on risk analysis, audit and architecture design; integration, especially in secure messaging, identity management, biometrics, smart cards and Public Key Infrastructure; and managed services.

### **Security: the main IT concern for European companies and public authorities**

Information and communications technologies are becoming an increasingly vital tool for businesses and public authorities; they are a catalyst for the development of new services designed to improve the day-to-day lives of citizens, whether on a professional or a personal level.

These new services must be developed in a trust-based environment. Their security and reliability are crucial, especially due to the growing concerns of end users: is the information stored on smart cards really secure? Is using biometrics an infringement of my rights? Can the integrity of these processes really be guaranteed?

In addition to responding to these justified fears, hacking, viruses, data loss or corruption and non-compliance with tightening legislation are all risks that major organisations need to control.

**Three quarters of European companies now rate IT security as one of the most important issues concerning their operations.**

As a result, although new technologies such as RFID and biometrics can today provide the levels of security required by companies and private individuals, doubt from the latter group continues to grow.

The real challenge therefore lies in finding a solution to this paradox, as well as in ensuring risk and cost control, thereby making security investments part of corporate strategy.

With more than 20 years' experience in rolling out large-scale, high security projects for companies and European governments, Steria has built up a reputation as a reliable partner, drawing on its ability to identify risks related to developing new services and controlling them with all the necessary functional, technological and human resources.



Steria relies on four major assets to create the trust-based environment that is so crucial for rolling out highly secure projects:

- an end-to-end service offer – consulting, systems integration and managed systems – that enables the company to partner its customers through each key stage of the project;
- a risk-based approach, which accounts not only for the technological scale of the project, but also for human, organisational, environmental and legal aspects;
- a European network of several hundred specialists with the latest expertise, consolidated via skill centres created in Belgium, Norway, Sweden and France;
- involvement in major projects to provide innovative services for society and citizens (immigration management, airport security, electronic identification, etc.).

Steria's response to new requirements involving trust does not stop at a set of isolated tools designed to address specific issues as they arise (antivirus, firewall, encryption, intruder detection, etc.). It is a total solution that addresses technological, human and organisational issues: an approach that is the only means of ensuring business continuity, information confidentiality and the development of new market share.



## Steria's security offer

### An end-to-end offer, from consulting to managed services

**Consulting** – Steria designs security measures for IS tailored to the business needs of its customers, drawing on tool-based methodologies and a strategic approach based on risk control (and not technology). Steria offers the following services:

- **Strategy and organisation:** security policy, master plans, electronic signatures.
- **Security monitoring:** functional and technical audits, intrusive testing.
- **Architecture and continuity:** technical architecture, technical expertise, continuity of service and contingency plans.
- **Support:** methodological support, project management, benchmark design, compliance with ISO 17799.

**Integration** – Steria provides operational solutions and manages large-scale security projects in the following key areas:

- **Networks, workstations and infrastructures:** VPN, secure gateways, mobile technology, virus protection
- **Identity management:** managing rights, provisioning, repositories
- **Infrastructures:** SSO, PKI, directories, authentication (cards, biometrics, etc.)
- **X-Net services:** messaging, portals, e-services

**Managed Services** – Steria operates secure Information Systems using:

- **Secure messaging services:** messaging systems (OEM), hosting, security services.
- **Public Key Infrastructures:** certificate management, hosting.
- **Operations:** administration and monitoring, help desks and upscale processes, data protection, intruder detection.
- **Continuity and back-up:** back-up systems, remote back-up sites, legal archiving and means of proof.



## Unique skills in Europe, from biometrics to secure exchange networks

Steria, a European leader in biometric solutions integration (secure fingerprint exchange, facial recognition, access control in airports, etc.), was chosen by the European Commission to develop its new Schengen and Visa information systems, thus proving the company's ability to meet the challenges associated with creating a trust-based environment.

This unique expertise continues to develop through a pan-European network of skills, exchanges, research and technology watch in the field of security. Skill centres have been established throughout Europe:

- Belgium: biometrics (recognition and secure transmission of fingerprints), secure data transmission (electronic ID cards, electronic voting).
- France: security consulting and risk control, identity management, e-government (e-procedures, Internet), RFID.
- Germany: Single Sign-On (SSO and biometry: recognition and secure transmission of fingerprints).
- Norway: secure infrastructures, biometrics (Fingerprint Image Transmission – Steria FIT solution).
- Spain: e-government (portals, ERP, biometrics).
- Sweden: Secure Office, comprising innovative packaged solutions (SSO, PKI signature, VPN, etc.).
- United Kingdom: secure infrastructures and biometrics (facial recognition), RFID.



## Key references in Europe

### Belgium

- Ministry of the Interior (BELPIC project) - electronic ID card: Steria managed the roll-out of the eID card, which will reach 9 million users by the end of 2006.
- EURODAC: fingerprint recognition and secure transmission system, involving the European Commission as well as 16 countries of the European Union, to improve the asylum request processing system in Europe. Approximately 2 million applicants for immigration and asylum had been handled by the system by end 2004.
- Electronic voting system, used for national and municipal elections.

### France

- La Poste: general public e-mail system (La Poste.net) for several thousand users, requiring an optimal level of service availability..
- Peugeot-Citroën: supplier portal - development of a portal for suppliers worldwide. Uses an encoded password and LDAP directory authentication process.
- Ministry of Economy, Finance and Industry: on-line tax declarations using digital certificates published on the Internet (close to 4 million French citizens used the system in 2005).
- Agency for the Development of e-Government Services: study and design of a service providing secure on-line storage of citizen information for declaration purposes (tax notices, addresses, etc.).

### Germany

- Hesse Police: presentation of a mobile version of Steria FIT, a biometric solution for rapidly identifying individuals, regardless of their location. The aim of the system is to identify and transmit prints in a bid to locate and apprehend dangerous individuals and thus prevent them from committing crimes.
- Bavarian Police: management and transmission of fingerprints and other biometric data such as faces or signatures to national databases in a highly secure environment in order to facilitate identification and data recording procedures concerning crime suspects.
- T-Com, a subsidiary of Deutsche Telekom, in charge of the fixed network business: implementation of a standardised Single Sign-On solution (SSO) for its 100,000 employees. The SSO system enables users to access up to 200 different applications via a single password. The project ranks with the largest SSO installations throughout the world.



## **Norway**

- International Labour Organization: Steria was chosen as a supplier for biometric identity cards, soon to be introduced in a bid to improve the safety of seafarers worldwide.

## **Spain**

- Andalusian Ministry of Justice: case management for all Andalusian courts, with guaranteed integrity of legal information and confidentiality of citizen information.
- Ministry of Public Administrations: roll-out of an Intranet ensuring access and secure information exchange between administration levels.

## **Sweden**

- Carelink - health card: roll-out and operation of a PKI for exchanges between the 270,000 Swedish healthcare professionals.
- RFV (Swedish Social Security): smart card-based identification system for all 15,000 employees to ensure the integrity and confidentiality of citizen data in the information system.
- Swedish Police: deployment of a command and control system for 18,000 police officers, using a 600-node encoded network.
- Sweden's government agency – e-ID card: Steria issues Swedish citizens with electronic identification certificates, essential for setting up multi-service cards (identity cards, cards for accessing local government services, etc.).

## **United Kingdom**

- Criminal Cases Review Commission (an independent body responsible for investigating alleged and suspected miscarriages of criminal justice): Steria provides electronic data exchange with the Court of Appeal and provides secure e-mail with other bodies in the criminal justice system.

