

To **SECURE** our customers'
communication and
information systems

Information Protection

- Confidentiality
- Integrity
- Authentication
- Non-repudiation

- Top Secret
- Secret
- Confidential
- Restricted
- SBU



SBU: Sensitive But Unclassified



Information Protection

- Confidentiality
- Integrity
- Authentication
- Non-repudiation

Encryption

Information Systems Security

//// Geographical footprint



THALES

Information Systems Security

//// Our Customers' needs



Defence



- Secured Backbone networks
- Secured Tactical networks
- Secured HF/VHF communications
- Secured Command Information systems
- Secured satellite communication systems
- Secured Intranet



Government



- Secured ID cards, passports
- Secured E-government infrastructure
 - Sensitive web servers
 - Sensitive databases
 - Intranet
- Public Key Infrastructure



Enterprise

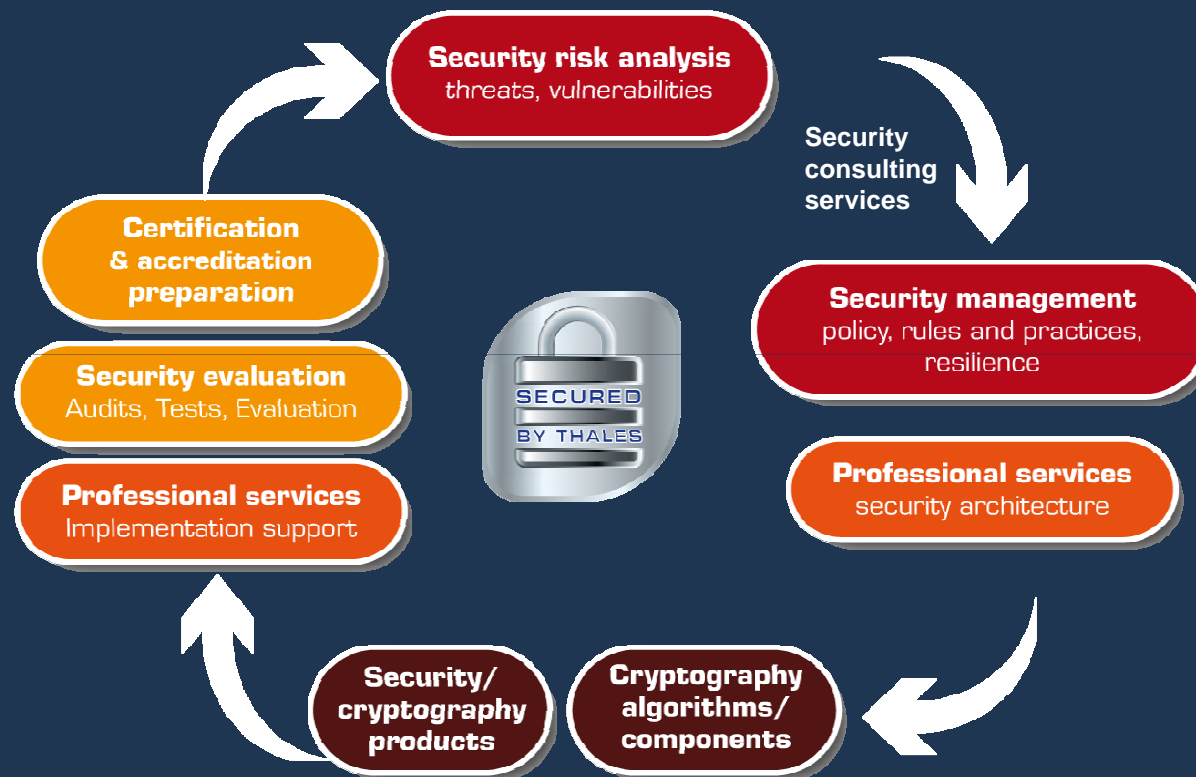
Banks, CNIs



- Secured value-bearing transactions
- Secured Online payment applications
- Secured Communication networks (Layer 2 and 3)
- Secured enterprise infrastructure
 - Sensitive Web servers
 - Sensitive databases
 - Intranet
 - E-mail
- Public Key Infrastructure, Certificate Authority

CNIs: Critical National Infrastructures (transportation, Oil & Gas, Airports, ...)

THALES





Cryptographic security products

- Application security
 - Data security and key management
 - Payment security
 - Authentication & ID Management
- Network security
 - Layer 2
 - IP Layer 3
 - Secured filters and gateways (High Grade)
 - EKMS (Electronic Key Management Systems)
- Secured telephony
 - GSM/3G
 - Voice Over IP
 - Secured push mail
- Cryptographic components of Security products (System On Chip)

MAINTENANCE



Information Systems Security

//// “Secured by Thales” process



- Automatic Fare Collection « ticketing »
- Critical infrastructure supervision & control systems (SCADA,...)
- Avionics
- Air Traffic management, Signalling
- Government & Enterprise information & communication systems



Defence

- 40 years expertise in defence network encryption
- Supplier to NATO, and over 21 NATO member countries
- 1st to push for and develop dual use COTS products and programmable cryptography



Banking

- Over 10,000 HSMs supplied to more than 3,000 financial institutions worldwide
- HSM secures over 70% of international ATM/EFTPoS transactions
- Market leader with 75% of bank card issued using a Thales P3 personalisation system 95% hacking success rate
- 10 out of 10 of the world's top retail banks are our customers
- 9 out of 10 of the world's largest banks are our customers



Enterprise

- 4 out of 5 of the world's top energy companies
- More than half of the world's 10 major aerospace and defence companies
- Top 3 pharmaceutical companies
- 95% hacking success rate



Consulting and evaluation