

Expertise and Project assistance in IT Security

The ITrust engineers have the technical expertise and experience necessary to analyze and define a complex software process to your Information System.

Our engineers will support all long the definition, the development and the implementation of your project, starting from the analysis and the definition of the requirements, up to the integration of the security.

- Security analysis
- Secured architectures design
- Analysis and selection of the relevant solutions and products
- Mock-up, proofs of concept

Project Assistance - ITrust guides and assists the project team in the elaboration and implementation of your Information System securization policy:

- analysis of the existing including the functional and operational aspects,
- technological and architectural analysis,
- support in the writing of the security recommendations and requirements
- assistance to the definition and to the enhancement of the physical security (access) in accordance with the different types of involved people and security areas,
- training of the engineers, the users, the employees and more generally all the relevant parties,
- support in the mock-up process (Proof of concept...)
- support to the implementation of a standard regarding to the nomenclature and the management of the different equipment of the information system (server, switch, router...) all long of their life cycle (entry / exit of the equipments) and their utilization,

802.1 x

Wifi
Security

Access
control

Web
Services

- support to the implementation of management procedures of the SLA (Identification, quantification, projects qualification, monitoring and checking).

ITrust performance in analysis and recommendation, tests and implementation, is able to address all the areas of your Information System:



Applications security

- Security of the web servers: Apache, IIS, Netscape / iPlanet,
- Security of the middleware: Suite Netscape, Notes / Relay support Lotus, etc,
- Security of the E-commerce middleware, EZpublish, Java, Oracle Portal, PHP, Websphere, XML, etc,
- Security of the enterprise middleware: SAP interconnections, etc,
- Security of your applications

Operating systems security

- Unix: AIX, FreeBSD, HP-UX, Linux, OpenBSD, Solaris,
- Windows: NT, 2000, XP, Server 2003, Vista,
- iSeries (AS/400),
- OpenVMS,
- Various: PDA & telephones: Symbian, Java, etc,
- Security of the on-board systems,
- Xen et VMware.

Network security

- **TCP/IP:** firewalls, VPN (IPsec & SSL/TLS), service refusal, IPv6,
- **SubIP:** ATM, Frame-Relay, VLAN, 802.11b, GPRS, UMTS, MPLS, ADSL, wireless network (WiFi, Bluetooth, etc),
- **All the software process protocols on IP :** HTTP, SQLnet, net8, Tuxedo, Corba, SMB/CIFS, chiffrement (TLS/SSL, SSH), VoIP & ToIP (SIP, H323), SOAP/XML, etc,
- **Infrastructure:** data management, PKI, journalisation, SOC, antivirus, intruder detection, 802.1X,
- **Architecture:** high level of availability, routing, segregation.

References:

Airbus: Analysis and definition of the Extended Enterprise concept. Mock-up implementation and test of the different engineering solutions.

La Banque Postale: Analysis and security mock-up of the automatic counter.

BNP Paribas bank: Analysis and design of the extranet platform.

A big european company: Study and mockup of Smartphones security