



Contact Information
www.altasec.com
info@altasec.com
Tel: +972-72-2502270
Fax: +972-72-2502281



Altal Security Lines of Services





Altal Security Lines of Services

Altal offers three main lines of services:

1. Network Equipment Clearance, Evaluation and Certification

Altal's certification services are based on the vast expertise of its personnel, who bring different perspectives of telecom information security, ie: an attacker's point of view, national defensive perspective. Based on known network breaches, Altal developed a stringent and efficient proprietary method to handle threats on national networks infrastructure, for both operators and manufacturers.

Network Clearance for Operators

Altal specializes in security accreditation for Telecom Service Providers. Altal's auditing methodology and procedure for telecom core equipment (hardware and software) is currently being considered to be implemented as part of national regulations. Altal's methodology was also adjusted to comply with international standards and for customers to benefit from worldwide recognition.

Equipment Certification for Network Equipment Vendors

Altal also provides unique services to pre-certify network equipment in Vendors' facilities before live network implementation. The certification process includes common procedures in accordance to known standards and is adjusted in some cases to be stricter and comply with particular regulatory requirements.

2. Regulatory Compliance Services

Led by top international Law & Technology experts, Altal offers regulatory services to assist companies in complying with telecom, cyber, and general information security regulations as well as maintaining international standards (i.e. ISO 27001). Altal experts will examine any regulation together with the customer's legal department to extract obligations and to structure an on-going strategic plan. This is needed for implementing and enforcing the regulation within the organization/ network. As part of the compliance process, Altal will provide the customer with:

- A. Examination of local telecom regulation.
- B. Examination of organizational information security position.
- C. Designing and building an organization's information security policy in accordance to regulatory requirements.
- D. Writing and implementing policies and procedures of the physical security.
- E. Supervising internal information security processes
- F. Regulatory reports/ summaries production





Altai Security Lines of Services

3. Classic Information Security Examinations and Processes, Including:

Forensics Investigations

Our company provides inspection and analysis services for private and business computers, open and closed networks, network equipment, and searches for past intrusion attempts. The company also provides data recovery services, copying and preservation of evidence, and an analysis of system logs in order to get a precise snapshot of the different uses made on the system in the specific testing period.

Penetration Testing

Altai offers unique methods of evaluating the security of a computer system or network segment by simulating an attack from a malicious source. The penetration testing can be performed externally to the organization/ network or internally, based partially on known tools and on Altai's proprietary code.

Risk Assessment

Based on the information security test results and predefined security ranking, Altai assesses the risks and exposures of the organization's information or exposure of raw traffic in a network segment. The process assists in understanding risks regarding the confidentiality, integrity, and availability of the information and information systems. The process also includes an identification, valuation of assets, and an analysis of those assets in relations to potential threats and vulnerabilities.

Mitigation/ Hardening

This includes a set of actions to fix known/ found vulnerabilities and prevent immediate information leakage. This usually includes the reconfiguration of systems, patches of holes, modules updates/ upgrades and proactive security means implementation.



Altal Security Lines of Services



Code Review

We provide a systematic examination of a computer/ firmware source code intended to find and fix mistakes overlooked in the initial development phase. This improves both the overall quality of software and the developer's skills. The code review process is performed in different ways, either automated, semi-automated or manually, using open-source designated software, licensed software and Altal's proprietary applications and methodologies.

Training And Guidance

The training sessions increase a company's employee and executive awareness on all information security aspects. Additionally, Altal offers training on Information Security Incident response, Information Security defensive methodologies, secured development, proactive security, backup plan construction, disaster recovery program (DRP) and business continuity plan (BCP).

Advanced Courses

Altal also offers advanced courses on reversing techniques, advanced exploitation, information gathering techniques, malicious writing and discovery of malicious software on WIN, Linux, Unix operating systems, spyware and backdoors detection, and root kit exposure.

Expert Opinion

Our company has vast experience in writing professional opinions for organizations and governmental institutions in favor of court litigation proceedings. Part of the process includes an Altal expert putting himself in the shoes of the technology personnel and seeking opinions in order to understand and assimilate the technology related to all the elements before writing. The company offers writing opinions for any kind of security related fields.

To receive an immediate proposal to fit your company's needs, contact Altal now at info@altalsec.com

Altal is always exploring ways to further widen our network.

For partnership opportunities contact partners@altalsec.com





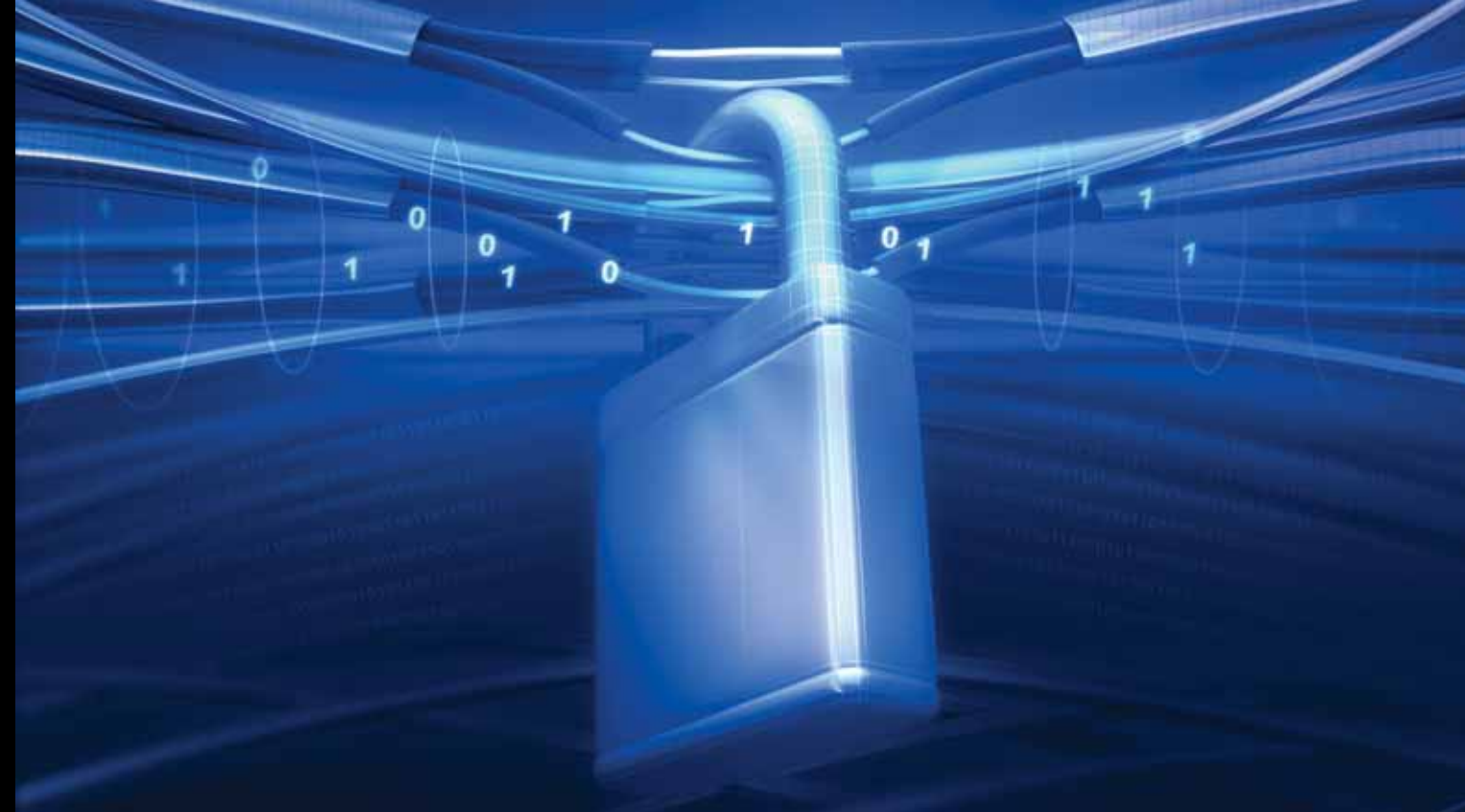
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Altal Information Security Update:

Be Prepared for the Amended India Telecom Regulation



World Expert in Network Equipment Auditing

ALTAL INFORMATION SECURITY UPDATE: Be Prepared for the Amended India Telecom Regulation

New Information Security Requirements for Telecom Equipment Vendors

The Indian authorities have tightened their efforts to protect national security networks. The new regulation requires Telecom Equipment Vendors and Telecom Service Providers to comply with Information Security procedures including auditing network equipment, frequent certification of equipment, refreshing information security policies, deposit of source code to escrow and establishing internal focal points to deal with information security incidents.

Certify Your Network Product

Altal Security is authorized by the Indian government to conduct the necessary audits and provide the vendor with a security certificate per examined product.

Altal's certification methodology includes:

Product Information Gathering and Analysis – to pre-define potential theoretic vulnerabilities of the examined products. The gathered information will also include reports of known information security incidents and raw output of past performed tests.

Product Audit – to deeply examine network product in physical and technological manners including:

- A. Physical review in lab
- B. Interconnectivity review in lab (in emulated environment)
- C. Data flow review in lab (offline examination)
- D. Code review (in automated, semi-automated and manuel manners)
- E. Port enumeration
- F. IP vulnerabilities scanning
- G. Enhanced code review (automated, semi-automated, manual)
- H. Malicious code spotting in OS/ Software/ Firmware/ application.
- I. Compliance to AAA design
- J. Penetration tests and attacks on systems in online/ offline environments

Hardening and Mitigation - to map internal product elements and subcomponents and to calibrate them to an optimized secured state.

Risk Assessment - to understand what actions should be taken to minimize future carriage damage and what risks are inevitable.

Refresh Your Policies

Altal's regulation experts assist telecom equipment vendors on upgrading and refreshing organizational information security policies so that they are direct compliance with Indian regulations and in accordance to international standards (i.e., ISO 27001:2005).

Sign Partnership Agreements with Telecom Equipment Vendors

Altal Security guides TSPs and Vendors on signing agreement templates (published by authorities), ensuring that all conditions and security precautions are taken care of.

Fully Comply with New Regulation

Led by Law & Technology international top experts, Altal provides regulatory compliance services to assist companies in complying with telecom regulation, cyber regulation, general information security regulation and international standards. Altal experts will examine any regulation together with the customer legal department. This is done to extract obligations and to structure an on-going strategic plan to implement and enforce the regulation within the organization / network.

What's Next?

Altal Security specializes in conducting security accreditation for telecom service providers and telecom equipment vendors. Our dynamic team of seasoned professionals is equipped to immediately react to company needs and changing international regulations. We work extensively with various authorities and governments to help implement shifting national security policies.

The Indian government has chosen AltalSec as a leading company to certify telecom vendor equipment and clearance the existing network infrastructure, all with accordance to new regulation requirements.

With our proven, recognized auditing methodology, our company offers optimal recertification and policy refreshments to fit the "new" Indian regulated market.

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ALTAL INFORMATION SECURITY UPDATE: Be Prepared for the Amended India Telecom Regulation

New Information Security Requirements for Telecom Service Providers

The Indian authorities have tightened their efforts to protect national security networks. The new regulation requires Telecom Service Providers to comply with Information Security procedures including auditing network equipment, refreshing information security policies, and establishing labs to monitor malicious activities.

Certify Your Networks

Altal Security is authorized by the Indian government to conduct the necessary audits and provide a security certificate.

Altal's auditing methodology includes:

1. **Network forensics** to identify existing unwanted running processes / malwares / backdoors etc. on all network elements.
2. **Network Hardening** to map networks elements and to calibrate them to an optimized secured state.
3. **Network penetration test** to assure system durability against any kind of attack.
4. **Risk assessment** to understand what actions should be taken to minimize future damage to carrier and what risks are inevitable.
5. **Actions** to fix found problems by setting systems to default or acquiring relevant IT security technologies to prevent such problems from reoccurring.

These requirements will allow TSPs to operate more safely and to benefit Indian national security.

Refresh Your Policies, Monitor Malicious Activities

Altal Security offers other niche services to assist TSPs in complying with additional regulation requirements. The Altal technology team is equipped to establish labs for monitoring malicious activities and to train TSP personnel on how to maintain them. Altal's regulation experts also assist TSPs on upgrading and refreshing organizational information security policies to be in direct compliance with Indian regulations and international standards (i.e., ISO 27001:2005).

Sign Partnership Agreements with Telecom Equipment Vendors

Altal Security guides TSPs and Vendors on signing template agreements (published by authorities), ensuring that all conditions and security precautions are taken care of.

Fully Comply With New Regulation

Led by Law & Technology international top experts, Altal provides a regulatory compliance services to assist companies with complying to telecom regulation, cyber regulation, general information security regulation and international standards. Altal experts will examine any regulation together with the legal department of the customer to extract obligations and to structure an on-going strategic plan for implementing and enforcing the regulation within the organization / network.

What's Next?

Altal Security specializes in conducting security accreditation for telecom service providers, foreign vendors and information security consulting. Our dynamic team of seasoned professionals is equipped to immediately react to company needs and changing international regulations. We help implement shifting national security policies and are experienced in handling information security governmental concerns.

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