



Business Consultancy Services from

Net.Bit



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Net.Standard Bank

The banks of today are stretched between the demand from the customers for faster and more open access to data and service on one hand, and increased threats from hacker attacks, employee abuse, terrorism, money laundering, etc. on the other. The solution for the bank is the implementation of advanced systems for information security management and for maintenance of the business continuity of the core processes. This will provide major competitive advantage to the bank in delivering better service to customers while efficiently managing the operational risk.

Net.Standard - Bank - is a tailored solution targeted to the Financial Services Industry (FSI), with banks and financial organizations in mind as primary clients. It is an integrated solution for standards - based management. It is implemented as a set of comprehensive steps and activities resulting with deployment of advanced information security and business continuity systems according to the ISO9001*, ISO17799/BS7799-2* and BS15000/ISO20000* international standards. These systems enable the financial institutions to control the availability and security of information and business processes, and thus to reduce the operational risk from various Loss Events according to the Basel II: International Convergence of Capital Measurement and Capital Standards*. Our methodology for implementation of **Net.Standard - Bank** is comprised of several stages which allow gradual increase in the management's understanding of the organization's internal process flows, the asset management and the risk factors. Subsequently, we develop tools for management of the risk and maintenance of the desired level of continuity of the organization's business process. The usual steps in this methodology are:

- Establishing business process model according to ISO9001:2000*
- Documentation of the core and supporting processes
- Mapping of resources to processes
- Assessment of associated risk factors and risk levels according to ISO17799

Implementation of security controls according to BS7799-2

- Business continuity management planning and exercise
- Disaster Recovery Planning
- Information and Communication Technology (ICT) security and configuration checks according to ITIL (BS15000/ISO20000)*
- Documentation of the Business Continuity and Information Security Management systems
- Training and awareness-building for the management and employees for each stage of the project ICT security improvement recommendations
- Internal and pre-certification audits
- Assistance in achieving regulatory compliance

Net.Standard - Bank is developed and customized for each client by our in-house professional staff, including Certified Management Consultants by ICMCI*, ISO9001 Quality Management Systems Consultants and Auditors by BSI* and ÖQS*, ISO17799 / BS7799-2 Information Security Management Systems Consultants and Auditors by BSI and CIS*, and ITIL Consultants certified by HP*.

Net.InfoSec - Information Security Management Systems

In recent years, the proliferation of interconnected information systems and networks has increased the significance of addressing information security in the organizations. This has led international legislators and regulators to emphasise the importance of the development of a 'culture of security' within business. For example, to reduce the operational risks in the financial industry, the international financial regulators have designed the Basel II Accord on International Convergence of Capital Measurement and Capital Standards*. These operational risks include



potential losses incurred from lack of information security.

Net.InfoSec is Net.Bit's solution for implementation of information security management systems for companies and institutions.

Net.InfoSec helps the organizations to:

- protect sensitive and critical information in a consistent and appropriate manner,
- protect information entrusted by other organisations,
- reduce the risk and damage to organisation's reputation, profitability or business interests due to loss of, or harm to, sensitive or critical information,
- reduce the risk of embarrassment or loss of business arising from loss of, or damage to, another organisation's sensitive or critical information,
- increase confidence in trading partnerships and outsourcing arrangements.

Net.InfoSec is implemented by our consultants certified for ISO17799 implementation and auditing by BSI* and CIS*.

Net.Check IT Security Check

Net.Check consists of a series of comprehensive tests of your IT infrastructure, including network topology, network elements, databases and application software.

The systems software and communications tests in **Net.Check** are based on industry standards and test protocols from leading organizations: NSA* (National Security Agency), CIS* (Center for Internet Security) and NIST* (National Institute for Standards and Technologies).

Until recently the IT security focus has been on network-based or host-based security. These areas concentrate on perimeter security devices such as routers, switches, and firewalls, which are used to allow or deny access to networks based on access control lists (ACLs). Perimeter security is an essential 'first line of defense' and does prevent a majority of attacks. However, these devices are not designed to protect unauthorized access to applications that support an electronic business. With the evolution of technology making perimeter access devices more secure and the rise in the sophistication of e-business focused attacks, **Net.Check's** security focus has also included the next battlefield - applications.

Resulting from the IT security tests, **Net.Check** from **Net.Bit** provides a list of recommendations that help organizations to improve the security in the following areas:

- Network architecture and operational coordination
- Network monitoring, intrusion detection and protection
- Management of databases and applications
- Configuration and management practices of critical systems
- External and internal access policies
- Physical security of IT systems
- Risk assessment and management practices in the IT department
- Management of electronic communications
- Training for security procedures and actions

Net.Check is performed by our systems specialists trained and certified by industry leading vendors: HP, Microsoft, ACI, Nomad, Atrica, Cisco, Ericsson, Oracle, BSI and CIS.

Net.ITSM - IT Service Management Solutions

The IT Infrastructure Library, ITIL®, is a series of documents that are used to aid the implementation of a framework for IT Service Management (ITSM). This framework defines how Service Management is applied within specific organisations. Being a framework, it is completely customisable for application within any type of business or organisation that has a reliance on IT infrastructure.

The ITIL consists of 7 sets:

- Service Support
- Service Delivery
- Planning to Implement Service Management
- ICT Infrastructure Management
- Applications Management
- Security Management
- The Business Perspective of IT

Net.ITSM is a comprehensive solution for implementation of ITIL based on the BS15000/ISO20000* standards and the HP OpenView suite of products. Our team of HP certified experts deliver ITSM solutions in the organizations.

Net.ITSM is mainly focused to two main areas, Service Support and Service Delivery. Together, these comprise the disciplines that embrace provision and management of effective IT services.

Net.QMS - Quality Management Systems

The competitiveness of a company relies to a great extent on the quality that it delivers to its clients. The quality management is in fact management of the business processes, continuous improvement, systematic planning and result measurement. The ISO9001 provides guidelines for implementation of modern management techniques for quality management.

Net.QMS is Net.Bit's solution for implementation of quality management systems in the organizations compliant to ISO9001:2000. While implementing the mandatory requirements of the Standard, we assist in the improvement of assignments of roles and responsibilities, task management, and measurement of the results in the execution of the business processes.

Typically, **Net.QMS** consists of the following steps:

- Training and awareness-building for the employees
- Definition of the organizational structure and the content & scope of the QMS
- Identification of the process model
- Creation of the mandatory documentation
- Establishment of mechanisms for continuous improvement
- Implementation of the system and internal audits
- External audits
- Support in the certification process

Net.QMS is implemented and tailored according to the customer needs by our expert employees, including Certified Management Consultants by ICMCI* and ISO9001 consultants and auditors from BSI* and ÖQS*.

***Further reading:**

ISO9001: www.iso.org; ISO17799/BS7799-2: www.bsi-global.com; BSI: www.bsi-global.com; ÖQS: www.oeqs.com; www.nist.gov
BS15000/ISO20000: www.bs15000.org.uk; ISO9001:2000: www.iso.org; ICMCI: www.icmci.org; CIS: www.cis-cert.com; www.nsa.gov
Basel II: International Convergence of Capital Measurement and Capital Standards: www.bis.org; HP: www.hp.com; www.cisecurity.org;

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