



NATIONAL SCIENCE AND TECHNOLOGY DEVELOPMENT AGENCY (NSTDA) ATTAINS INFORMATION SECURITY MANAGEMENT SYSTEMS CERTIFICATION

CASE STUDY

BE THE BENCHMARK

ABOUT THE COMPANY

National Science and Technology Development Agency (NSTDA), a Thai government agency established in 1991 to support science and technology researches, has attained the ISO/IEC 27001:2013- Information Security Management System Certification for its Computer and Communications Service Division (CCD). NSTDA's compliance with the ISO/IEC 27001:2013 standard was certified by SGS, the world leading certification body.

Achieving the certification demonstrates that the agency has a sound Information Security Management System (ISMS) in place, as well as reflects the agency's ongoing commitment to maintain and develop the ISMS, its constant striving for service excellence, and a significant progress in the preparation for Thailand 4.0 (A government policy, aimed at transforming the country's economic structure to a value and innovative-based economy).

NSTDA is an autonomous entity reporting to a Governing Board chaired by the Minister of Science and Technology. NSTDA is an umbrella organization that plans and executes the four mandated missions: research and development, technology transfer, human resources development and infrastructure development. NSTDA comprises four national research centers: BIOTEC (National Center for Genetic Engineering and Biotechnology), MTEC (National Metal and Materials Technology Center), NECTEC (National Electronics and Computer Technology Center) and NANOTEC (National Nanotechnology Center). In addition, NSTDA reaches out to other research organizations and universities through collaboration, contracted research, and other mechanisms to ensure that the best resources are being captured for the country's innovation needs. To tie all these together, the Technology Management Center (TMC) serves as a linkage between researchers and end users to provide applicable technology services.



BUSINESS BENEFITS IN ADOPTING ISO/IEC 27001:2013

- Increases organization's credibility and customers' confidence
- Demonstrates commitment to information security at all levels of the organization
- Help transform organizational culture:
 - To improve employee work ethics and workplace confidentiality,
 - Build and strengthen competitiveness;
 - And open new opportunities with security-conscious customers.

"At NSTDA, we plan to achieve our information security goal at an early stage in business processes. And implementing the plan is not only for the sake of security, but also for the support of our core business and operational processes. SGS has been supportive of our implementation of the ISO Standard, its efficiently structured audit approaches and procedures allow us to fully realize the benefits of the certification," said Dr. Ladawan Krasacho, Executive Vice President.

PREPARING FOR ISO/IEC 27001:2013 CERTIFICATION

Implementing ISO/IEC 27001:2013 would essentially improve reliability of the agency's IT-dependent core processes. The implementing process gives the agency an opportunity to study industry best practices, to adapt those that best suits organization needs, and to establish proper processes and procedures through reviewing of existing ones and defining new ones.

NSTDA fully realizes that human factor is a key to success in the ISO standard implementation. The agency has actively encouraged team members to participate in training programs ranging from overview course to seminars and in-depth workshops. NSTDA core team members underwent the ISO/IEC 27001:2013 Lead Implementer and Lead Auditor trainings, and had been awarded the credentials to demonstrate that the certificate recipients have the capabilities and competencies to audit organizations based on best practices.

NSTDA INFORMATION SECURITY MANAGEMENT SYSTEM CHALLENGES

Information security management is inherently a challenging task, and preparing for the ISO/IEC 27001:2013 accreditation without guidance from external consultants pose an enormous challenge to the agency. A Gap Analysis, designing, developing process and system that meets the demanding ISO/IEC 27001:2013 certification requirements are all carried out internally, and require considerable time, effort, and resources.

WHY SGS

SGS is a renowned and credible certification body, recognized for its emphasis on quality and deep technical knowledge and skills. SGS services are built on a flexible, pragmatic, and structured approach, and have been designed to help you achieve conformance with the ISO/IEC 27001:2013 standard, and to ensure a positive customer experience.

OUR SERVICES INCLUDE:



CERTIFICATION

SGS certifies that products, systems or services meets the requirements of standards set by governments, standardization bodies or by SGS clients. SGS also develops a customized standard that meet clients' specific needs.



TRAINING

Our teams of experts from diverse fields at our 'SGS Academy' are fully prepared to professionally create customized and efficient training solutions to help your team gain more knowledge and skills that are specific to your needs and is essential for your company's longterm competitive position.



SEMINARS

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SIX-STEPS PROCESS TO ACHIEVING SGS CERTIFICATION:

- A** Tailored proposal from SGS.
- B** Optional 'preaudit' of readiness and weaknesses.
- C** Formal audit stage 1: 'Readiness review'. Documents and key system elements are evaluated and noncompliances reported.
- D** Formal audit stage 2: 'Interviews, examination of records and observation of working practices'. Non-conformances are addressed.
- E** Surveillance visits to check the system and action plan implementation as annually.
- F** Re-certification audit after three years



CONTACT SGS

To learn how SGS can help your organization with ISO/IEC 27001:2013, contact us today.



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WHEN YOU NEED TO BE SURE

