

ISO 28000 : 2007 Fact Sheet

■ Introduction to ISO 28000:2007

ISO 28000:2007 is a management system specification which has been developed and introduced in response to a demand from the transportation and logistics industry for a common security management standard, with the ultimate objective of improving the overall security of supply chains.

■ Who Should Adopt ISO 28000:2007?

ISO 28000:2007 is applicable to all sizes of organizations, from small to multinational, in manufacturing, service, storage or transportation at any stage of the production or supply chain that wishes to:

- Establish, implement, maintain and improve a security management system;
- Ensure compliance with stated security management policy;
- Demonstrate such compliance to others;
- Seek certification/registration of its security management system by an Accredited third party Certification Body; or
- Make a self-determination and self-declaration of compliance with this Publicly Available Specification.

Organizations that choose third party certification can further demonstrate that they are contributing significantly to supply chain security.

■ How different is it from other Security Programs and Standards.

ISO 28000:2007 is the only truly 'global' supply chain security management system. It is a Security Management System, which differentiates it from all other programs and standards. However, whilst there are differences with other programs, it looks and feels like ISO 14001, the well respected standard for improving environmental performance.

ISO28000 uses the same risk based approach as 14001 for identifying security threats and assessing their respective risks. The standards terminology is very similar to ISO 14001 and ISO 9001 which makes the application of ISO28000 very easy to cross reference to satisfy compliance. ISO28000 has the potential to be streamlined so that auditing between the standards can be optimized for further cost savings.

■ The Benefits of ISO 28000:2007

It has been clearly demonstrated through intensive research that enhanced supply chain security provides significant benefits to organisations.

- Help all sectors of industry assess security risks and implement controls and mitigating arrangements to manage potential security threats and impacts from quality, safety and customer satisfaction are managed.
- Is a plan-do-check-act based management system that has been modelled on the well proven ISO 14001 standard. This means that organizations already familiar with the same risk based approach used by ISO 14001 will be able to use a similar approach when analysing supply chain security risks and threats.

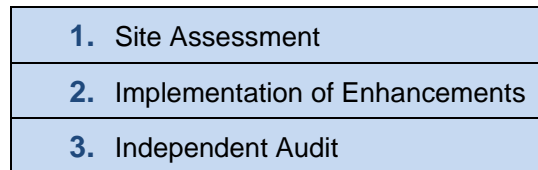
Contact LSA Consultants for an obligation FREE Supply Chain Security 'Health Check' to implement ISO28000 in your organisation

contact@lsaconsultants.com or visit www.lsaconsultants.com

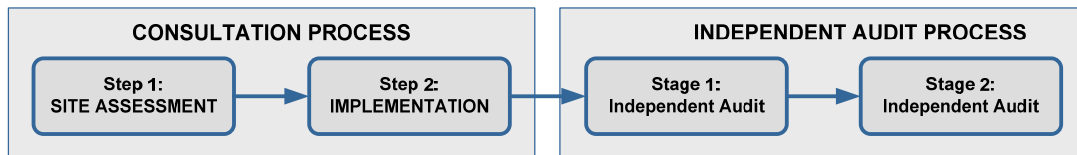
- Can demonstrate to customs authorities the organization's capability to manage security issues within the supply chain. This is significant when considering an application for Authorised Economic Operator (AEO) as many of the requirements are aligned.

■ The ISO 28000 : 2007 Certification Process

There are three stages in the process of ISO/PAS 28000:2005 certification:



These stages are effectively summarised in the figure below, and are described in more detail in the following paragraphs.



■ The Site Assessment Stage

The purpose of the Site Assessment stage is to provide evidence from the system in place of compliance with ISO 28000:2007 and to identify any gaps where the system needs enhancement in order to ensure compliance. The three principal focal areas of the Site Assessment include a thorough review of the documentation, procedures and physical security measures currently in place. Interviews will be conducted with senior management where departments have an interface with supply chain security.

Whilst the Site Assessment requires an up-front investment, the key benefit is that it provides a very clear road map of the enhancements required to achieve certification. Experience has shown that a thorough Site Assessment will provide a more defined plan for implementation, minimizing the risk of cost over-runs to the project. At the same time, the probability of successfully achieving certification is increased dramatically.

■ The Independent Audit Process

The process of certification by an international independent auditing body is conducted in two stages and takes a minimum of three months. Whilst the amount of time may vary and is determined by the auditor, Stage 1 will normally take two days and Stage 2 between three and four days. These figures are indicative only and will need to be confirmed by the selected auditor prior to project commencement.

After certification has been achieved, companies will be subject to the requirements of annual surveillance and will need to re-certify after a period of three years.

■ Demonstrated Benefits of ISO 28000 Implementation

Singapore Manufacturers' Federation is responsible for the ISO28000 pilot programme 'Upgrading Supply Chain Security for Local Enterprise' by measuring the direct benefits to the supply chain of ISO28000 implemented and certified for Singapore based organisations between October 07 and December 08.

■ Summary of Measurable Benefits Recorded:-

- ❖ Improvement in Document Processing
- ❖ Improved Product Handling
- ❖ Improvement in Manpower Utilisation

■ Direct Outcomes from Realised Benefits:-

<input checked="" type="checkbox"/>	Increase in Revenue
<input checked="" type="checkbox"/>	Improvement in Supply Chain Efficiency
<input checked="" type="checkbox"/>	Improved Inventory Management
<input checked="" type="checkbox"/>	Better Data Management
<input checked="" type="checkbox"/>	Improved Customer Service Level Satisfaction
<input checked="" type="checkbox"/>	Improved Product, Document and Information Security

■ Inventory Management & Product Handling

- Process improvements (i.e. reduction in process deviations)
- Speed improvements (i.e. reduction in transit and delivery times)
- Improved product safety (i.e. theft, loss, tampering, fraud potential)
- Complete visibility of inventory data throughout the entire supply chain
- Increase in accuracy of inventory cycle counts
- Reduction of human data entry error
- Better utilisation of manpower
- Effectively manage increased supply lead times and shrinking order lead times whilst maintaining constant level of responsiveness
- Effective minimisation of exposure to risk through value add SRA process focusing on business-centric risk mitigation
- Faster inbound goods processing
- Less occurrences of picking inaccuracy
- Real time visibility of product location at any given node in the supply chain

- Improved business partner cooperation within the supply chain
 - Accelerated key decision making based on established system management approach
- **Resource Management**
 - Identification of wasteful and ineffective resource management practices
 - Effective disbursement of budget to support more cost effective control measures to improve process efficiency through security risk assessment methodology
 - Improved security controls and effective monitoring allow for more effective deployment of workforce to priority revenue generating areas
- **Competitive Advantage**
 - Attractiveness to customers as an organisation demonstrating a robust Supply Chain Security Management system that demands an increased level of accountability
 - ISO 28000 is the international benchmark for organisation to demonstrate their commitment to supply chain security.
 - Adopting the standard will also gain brand equity through the clear demonstration of a globally recognised security management system.
 - ISO28000 is recognised by the EU Authorised Economic Operators (AEO) initiative as compliant to the AEO Safety and Security requirements
 - US Customs Border Protection recognition of worth towards C-TPAT compliance
 - Recognition by Singapore Customs as being compliant towards STP Plus
 - Improved business resilience with established preparedness, response and recovery measures