

SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

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The **Hewlett-Packard-Company (HP)** was an American multinational information company headquartered in Palo Alto, California. It developed and provided a large no of hardware components as well as software and related services to customers, small - and medium - sized businesses and large enterprises, including customers in the health, government and education sectors. The company was founded in a one-car garage in Palo Alto by William "Bill" Redington Hewlett and David "Dave" Packard, and initially produced a line of electronic test equipment. HP was the world's leading PC manufacturer from 2007. HP sells personal computers (PCs), servers, data storage devices, network switches, software, computer peripherals, printers, and electronics built by other manufacturers. The company is well known for its innovations in supply and electronic commerce according to customer specifications. HP entered the market as IT services. The company has since made additional acquisitions in storage and networking systems, with the aim of expanding their collection from offering computers only to delivering complete solutions for enterprise customers.

Information is a valuable thing that can make or destroy the business, so the security of information should be a high priority for this kind of business. Information security management provides the freedom to innovate and expand your customer-base in the knowledge that all your private information will safe.

ISO 27001 is a globally recognized best practice framework for an information security management system (ISMS). It helps you to identify the threads to your important information and put in place the proper controls to help reduce the risk.

Why do Organizations Implement an ISMS?

Intelligent assets and other sensitive or business information are the heart of any companies and with an ever increasing number of security breaches has led to increasing information security concerns among organizations worldwide, so that companies need to protect themselves and their customers.

Advantages if the HP Company Certified ISMS (ISO 27001)

- Provide a structured way of managing information security within an organization
- It gives organization a straight forward way for responding to tender requirements.
- Improve information security awareness and reduces staff-related security breaches.
- Gives confidence in information security arrangements and better visibility of risks.
- When increasing personal data breaches, ISO 27001 helps to gain status as a preferred supplier and supports authority with relevant laws and suitable policy. Also it helps to protect company reputation.
- Provide an independent assessment of an organization's conformity to the best practices agreed by a community of experts for ISMS.
- Provide evidence and guarantee that an organization has compatibility with the standards requirement.
- Increase the level of information security in the organization.

Costs

- **Compile an inventory of information assets**
- **Track actual progress against the plans and circulate regular status reports/progress updates**
- **Identify and deal with project risks, preferably in advance**
- **Implementation costs**

Compile an inventory of information assets, assess security risks to information assets, and determine how to treat information risks, Re-design the security architecture and security baseline, conduct awareness/training regarding the ISMS, such as introducing new security policies and procedures.

- **Project management costs**

Find a suitable project manager, prepare an overall information security management tactic, plan the implementation project, then allocate the resources to establish the implementation of the project team, follow actual progress against the plans and Identify and deal with project risks.

- **Certification costs**

Assess and select a suitable certification body, pre-certification visits and certification audit by an accredited ISO 27001 certification body, risk of failing to achieve certification at first application, Staff-management time expended during annual surveillance visits.

- **Operation and maintenance costs**

Periodic ISMS internal audits to check that ISMS procedures are being followed correctly, complete preventive and corrective actions to address potential and actual issues, periodic review and maintenance of information security policies, standards, procedures, guidelines, contractual terms.

References:-

- <https://en.wikipedia.org/wiki/Hewlett-Packard>
- <http://www.swarm-logic.com/content/information-security-management-systems-isms>