

SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

[**Enterprise Standards and Best Practices for IT Infrastructure**](http://courseweb.sliit.lk/course/view.php?id=137)

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**Lab 06 –** Creating a business case for Dell Computer Technology Company

**Introduction**

Dell lnk. (Stylized as DELL) is an American privately owned multinational computer technology company situated in Round Rock, Texas, United States, that develops, sells, repairs, and support computers and related products and services. Eponymously named after its founder, Michael Dell, the company is one of the largest technological corporation in the world, employing more than 103,300 people worldwide.

Dell sells personal computers, services, data storage devices, network switches, software, computer peripherals, HDTVs cameras, printers, Mp3 players and electronics built by other manufacturers.

**Why DELL needs an Information Security Management System?**

Dell is a multinational Computer technology company which holds large amount of information. DELL provides some services because of that it has severs. So those information should have been protected by well define manner. As a business company needs a legal obligation under the Data Protection Act.

The ISO 27001 standard is designed to ensure that adequate and proportionate security controls are put in place to ensure Data Protection and protect sensitive company information and data in order to comply with Data Protection laws and also to gain customer confidence.

Benefits of implementing an Information Security Management System based onISO/IEC 27000 series standards (ISO27k) at HP

ISMS benefits

* Credibility, trust and confidence of your customer.
* Great awareness of security.
* Compliance with legislation.
* Securing confidentiality, integrity and availability.
* Prevention of confidentiality breaches.
* Prevention of unauthorized alteration of critical information.
* Prompt detection of data leakage and fast reaction.
* Meeting international benchmarks of security.

Benefits of standardization

* Common framework for businesses to follow.
* Risk based approach to help plan and implement an Information Security Management System.
* ISO 27001 ensures the right people, processes, procedures and technologies are in place to protect information assets.
* ISO 27001 protects information and ensures its confidentiality, integrity and availability are maintained.

ISMS costs

* Find a suitable project manager to implement ISMS.
* Prepare an overall information security management strategy.
* Project implementation planning.
* Employ/assign, manage, direct and track various project resources.
* Hold regular project management meeting involving key stakeholders.
* Identify and deal with project risk.
* Compile and inventory of information assets.
* Assess security risk to information assets.
* (Re-)design the security architecture and security baseline.
* Assess and select a suitable certification body.