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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**Business case.** (**ISO 27001)**

Orange IT is a company in Sri Lanka which is developing web sites and mobile applications and out sourcing there services. Today it is rapidly growing IT Company in Sri Lanka.

**Why**

This is IT related company and there are provides many services for customers. Whenever clients wanted services they should give there valuable information to this company. There are many information about their organization such as business information employees’ information. So client wanted security of their information. To ensure there should be a security mechanism to ensure it. Therefore company can be used information security management system in this case proposed ISO 27001 security standard.

**Benefits of using ISO 27001 standard.**

Since Orange IT is a software company there are having clients information so there are should be good security for these information. ISMS provides security policies and controls security control periodically to minimize the risk of information security. ISMS is well structured approach so it identifies security threats, vulnerabilities and assessed and treat rationally it helps to minimize the risk of information security.

When ISMS is using manager and staff will become familiar with information security terms it also helps to reduce the risk of information security. When using this security standard it increases the ability to identify the risk and transfer it to insurers or third parties it helps to save the cost.

This is a globally recognized security standard so it gives good brand value to the company. It helps to catch more clients so it can be helpful for company income. In this standard formally defines specialist terms so information security issues can be discussed analyzed and addressed consistently by various people at different times so it helps to cost saving.

This standard allows to remove inappropriate or excessive controls without harming valuable assets it helps to save the cost and this standard is suite for any organization. It provides comprehensive framework for different kind of information security control.

When ISMS is using it helps to review system, data and information flows by reducing duplicates and other unnecessary things so it improves the quality of the information this is called business process re-engineering. Provides a mechanism for measuring performance incrementally raising security status for long term. These process are helps to reduce the risk and save the cost.

There are many befits after use ISO 27001 it helps to give a good brand name and helps to be a good competitor in the industry. After customers satisfied with the information security it helps to build a good market. The working team of this company will be good at security standards as time go so it helps to the company to build quality products.

**Costs of using ISO 27001.**

There are many benefits of using this ISO 27001 security standard. But there are some cost to standardize.

There should be a suitable project manager and a project team. Project manager should communicate with the customer about their progress. So there are should be a security management strategy and any other business strategies. To do these tasks there is a plan for planning there is some cost. Progress of the work should be tracked and all bugs reports should send to their customers.

When doing the projects security risk should be identified and always need to determine how to treat them. These are costs of ISMS.

When developing a system it is necessary to take backups. Company always need a security mechanism for network or any data losses. Needs to use some licensed soft wares and latest updates and good virus guards. If servers are gone down there must be always some options. These are the costs of a company when provides information security.

There is a certification cost to asses and select a proper certification body. Pre-certification visits and certification. There are some cost when surveillance visits.