**Enterprise Standards and Best Practices for IT Infrastructure**

**Lab Report**

**Lab 04 - ISO 27001 Report**

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**WEEKEND IT**

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**B.Sc. Special (Honors) Degree in Information Technology**

**Specialized in Information Technology**

Risk Treatment Plan for Serilak Super market

Version 1, 2016

**Business Case**

**Executive Summary**

This case study concerns the IT security methods and process should implement for Serilak Super market. We have to be pioneers of implementing ISO 27001 security guideline in ERP system. Company will gain significant improvement after implementing this ISO 27001 and increased the customer relations with that. This case study reveals some important facts to implement. Benefits of implementing this certification are customer base is increased, employee satisfaction increased, Employee salary details are protected, Better working environment, predictions are protected. Costs have been incurred relating to the process improvement and resource improvements.

**Introduction, scope and purpose**

Purpose of this document is to address the audience and some higher management to provide some guide lines to explain methodology to follow the process. This is to cover implementation of the ISO 27001 in the company by using resources and the train employees to handle the new process. Srilak is a supermarket.

**Srilak super market Business Background**

Supermarket service industry is a highly competitive field. It’s very complex with customer handling, server maintains, Salary calculation and inventory system .But they give Still low priority is given to IT related process and security.

**Benefits of implementing ISO 27001**

**Direct Benefits**

**Increase Reliability Security in the Stock Handling**

Maintain several stock through remote server support system there is very difficult task. It cost lot to maintain this system so it’s better to move to a new technology. ERP system should be Move to a new technology. Using this system they can reduce the cost.

**Secured Applications**

The company sign agreement with the developing company but their developers are outsourcing developers. So the security risk is there. ERP system purchased from kyrance private limited has security holes since old version is still using in the company were root access permission are simply given to any person in the company. Most of the time developers will access this system they can access the system and its salary details sale details and stock details. By adapting to ISO 27001standereds help to gain constant information security by implementing policies where necessary, employee compliance with the policies followed by enforceable disciplinary process.

**High Profits**

When ERP system will implemented according to ISO 27001 it will help to manage waste effectively and Inventory system will predict selling and buying strategies correctly with more user interaction.

**Indirect Benefits**

**Enhanced supplier confidence**

Network goods and sever maintain industry contains highly confidential supplier information’s which suppliers share with only their trusted customers like discount rate provided, new products there are planning to release etc. ISO 27001 provides certification to ensure information confidentiality. This is bold statement and will make out network services from others and will help to attract more customers.

**ISO 27001 Costs**

Cost of implementing ISO 27001 is modest. First of all need a change. Then we need to change the employee mind. Because there can be many employees to adapt to it. So need to give a training for them. And give some knowledge about ISO 27001 is needed. ERP system developing cost will be somewhat high but the benefits out of it more than that since security and audits saves money and time.)

**Scope**

The Information Security Management System (ISMS) applies to the provision of trusted and managed information security services to internal and external customers of sirilak with the ISMS Statement of Applicability revision 01, dated 06-12-2016.