

Sri Lanka Institute of Information Technology



Enterprise Standards and Best Practices for IT Infrastructure

Assignment Two

Case Study for Chandrasekara Group of companies

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Introduction

Chandrasekara Group, one of the leading stationers in Central Province in Sri Lanka for the last 36 years. They have clientele of more than 2000 comprising of wholesale dealers, retail dealers, government enterprises, departments etc, and vast numbers of consumers who visit daily.

They serve the entire Central Province with a range of computer accessories, stationery products, wedding cards, greeting cards, art materials, engineering and architectural instruments, exercise, monitors and CR books, all types of school requirements and we are the Sole Agent in Central Province for National PaperCompanyLtd.

They are engaged in delivery service of our entire products to every nook and corner of Central Province and They are the agents for the Atlas writing instrument products, which are produced by Ceylon Pen Company (Pvt) Ltd. They import papers, boards, and printing materials from India, Indonesia, Hong Kong etc, which are distributed among all the offset printers in Central Province.

Why LHC group of companies need to with ISO 27001?

ISO 27001 has been developed to “provide a model for establishing, implementing, operating, monitoring, reviewing, maintaining and improving an information security management system.”

ISO 27001 is a security system and this company that they have lot of information. Those information's needs to be protected in well define manner. Data protecting means protecting its confidentiality, availability, durability, integrity like that. As for an example if company cannot protect their customer's data like credit card number or address it will affect the customer's confidentiality. If something like this happen customers will lose trust about this company therefore customer may leave company behind. Let's look at another example it's about durability of this system, if there is one piece of hardware remaining and a single customer booked it but due to some virus infection system does not show that is has been booked to others as well, so there will be lot of conflicts, then it will be a problem because of there is one piece of hardware left and lots of customer have been paid it through online. As a leading company this will effect strongly to the company's reputation.

Benefits of having ISO 27001

- Security risks are appropriately prioritized and cost effectively managed.
- It increases confidence in our Organization as it shows we care for our customer business, and we are committed to protect customer data they entrust to the company.
- It demonstrates commitment to Information Security Management to third parties and stakeholders and will give them greater confidence to interact with us.
- It provides a framework to ensure fulfillment of companies' commercial, contractual and legal responsibilities.

ISMS Cost

- **The cost of literature and training.**

Changes in your organization, and requires new skills. Can prepare your employees by buying various books on the subject and/or sending them to courses.

- **The cost of external assistance**

Training your employees is not enough. If you don't have a project manager with deep experience in ISO 27001 implementation, you'll need someone who does have such knowledge.

- **The cost of technology**

Most companies did not need a big investment in hardware, software or anything similar – all these things already existed. The biggest challenge was usually how to use existing technology in a more secure way.

- **The cost of employees' time**

Employees have to spend some time figuring out where the risks are, how to improve existing procedures and policies or implement new ones, they have to take some time to train themselves for new responsibilities and for adapting to new rules.