



SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

[Enterprise Standards and Best Practices for IT Infrastructure](#)

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Assignment – 05

Business case for ‘Techzone Information Solution (pvt) Ltd’

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WEEKEND IT

1. Introduction

TECH Information Solutions (Pvt) Ltd is a leading it Solutions Provider in Sri Lanka offering the Customer the best option in Computers , Note books and all other IT accessories with an innovate product portfolio and an unparalleled after sale services.

The company was established in 1997 under the leadership and the direction of its CEO to market world –renowned high quality products coupled with excellent professional service levels in order to satisfy his customers and to become one of the most respected ‘IT’ Product supplier in the Sri Lanka IT Sector with the latest and innovative technology in par with the developed countries.

2. Why ‘Techzone.’ needs an Information Security Management System (ISMS)?

Techzone serves their services all Sri Lankan people. Their main services include online purchases, product registrations, driver downloads, the customer help center and some more. So the company has to protect their clients’ details and information completely. Because the users provide their personal details, credit/debit card information, confidential data when getting above mentioned services. So the company must protect confidentiality, integrity, availability and durability of those data to keep customers and users without going away from the company. As an example the confidentiality of details like payment information must be highly secured. If the company fails to do that it will harm the company reputation and it will discourage their customers to continue.

So a proper security mechanism or a security management system should be implemented to secure key factors like confidentiality and integrity of the company and users.

3. Benefits of implementing an Information Security Management System based on ISO/IEC 27000 series standards (ISO27k) at 'Techzone.'

a. Benefits of (Information Security Management System) ISMS

- Reduces the probability of risk occurrence or adverse impacts
- Cuts incident-related losses and costs (risk reduction and cost saving)
- Credibility and trust to/of customers
- Proper risk assessment and treatment according to priorities
- High confidentiality, integrity, availability and durability of data and information
- Meets an internationally recognized security standard and other security best practices
- High awareness of security within and outside the company

b. Benefits of Standardization

- An embodiment of good practices, avoid re-inventing the wheel – Cost saving.
Avoids having to specify the same basic controls repeatedly in every situation
Cost saving
- Provides a security baseline, almost universally required information security controls on which to implement specific additional controls as appropriate
Cost saving
- Is generally applicable and hence reusable across multiple department, function, business units and organization without significant changes – Cost saving
- Based on globally recognized and well respected security standard – Brand value
- ISO27000 standards suite is being actively developed and maintained by the standards bodies, reflecting new security challenges. – Brand value
- Allows unnecessary, inappropriate or excessive controls to be relaxed or removed without unduly compromising valuable information assets – Cost saving

- Being risk-based, the ISO27000 approach is flexible enough to suit any organization, as opposed to more rigid and prescriptive standards such as PCI- DSS
 - Cost saving

c. Information Security Management System (ISMS) Costs

- Employ/assign, manage, direct and track various project resources.
Hold regular project management meetings involving key stakeholders.
Identify and deal with project risks
- Compile an inventory of information assets
- Assess security risks to information assets and prioritize them
Assess and select a suitable certification body
- Staff/management time expended during annual surveillance visits.
- Find a suitable project manager to implement the Information Security Management System (ISMS)
- Prepare an overall information security management strategy, aligned with other business strategies, objectives and imperatives as well as ISO27000.
- Plan the project implementation