



SLIIT

COMPUTING

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BUSINESS

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ENGINEERING

Lab Assignment 5

Business case for HP

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Introduction

The Hewlett-Packard Company is an American multinational information technology company based in Palo Alto, California that developed and provide hardware components as well as software and related services. The company was founded in a one car garage in Palo Alto by William Redington Hewlett and David Packard.

HP is one of the world's leading PC manufacturing company. It specialized in developing and manufacturing computing, data storage, and networking hardware, designing software and delivering services. Major product lines include personal computing devices, enterprise and industry standard servers, printers and other imaging products. HP market its products to householders, businesses and enterprises directly as well as via online distribution. HP company events include the spin-off of its electronic and bio-analytical measurement instruments part of its business as Agilent Technologies. Its merge with Compaq in 2002.

Why HP needs an Information Security Management System?

HP is a multination information technology company with lots of information. HP provide some services therefore it has servers. So those information has to be protected in well define manner. Protecting data means protecting its confidentiality, integrity, availability and durability etc. as an example, when we consider about confidentiality, if company cannot be protecting their data, it will affect to the customers of the company, suppose customer credit card numbers being stolen, so what happen next? Definitely customer leave your company. now look another example. Because of data integrity failure might result in virus being planted in your server allowing an intruder to pass your corporate secrets on to your competitors. If an integrity failure affects your accounting records, you may no longer really know your company's true financial status.

So you need to consider about above mentioned thing and you have to find better way to protecting your data to reduce risk of losing data.

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

ISMS benefits

There are the ways in which an ISO27k ISMS will typically benefits the organization.

1. Credibility, trust and confidence of your customer
2. Great awareness of security
3. Compliance with legislation
4. Securing confidentiality, integrity and availability
5. Prevention of confidentiality breaches
6. Prevention of unauthorized alteration of critical information
7. Prompt detection of data leakage and fast reaction

8. Meeting international benchmarks of security

Benefits of standardization

1. Provides a security baseline, almost universally required information security controls on which to implement specific additional controls as appropriate-cost saving
2. An embodiment of good practices, avoid re-inventing the wheel-cost saving.
3. Avoids having to specify the same basic controls repeatedly in every situation-cost saving.
4. Based on globally recognized and well respected security standard-brand value.
5. Is generally applicable and hence reusable across multiple department, function, business units and organization without significant changes-cost saving.

ISMS costs

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