SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

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Business Case

➢ About ISO 2007 family

The ISO 27000 family of standards helps organizations keep information assets secure. Using this family of standards will help your organization manage the security of assets such as financial information, intellectual property, employee details or information entrusted to you by third parties.

ISO/IEC 27001 is the best-known standard in the family providing requirements for an information security management system (ISMS).

➢ About Google company

Google is an American multinational technology company specializing in Internet-related services and products that include online advertising technologies, search, cloud computing, and software. Most of its profits are derived from AdWords, an online advertising service that places advertising near the list of search results.

ISO 27001 is one of the most widely recognized, internationally accepted independent security standards. Information is most critical component in this type company we suggest ISO 27001 certification for the systems, applications, people, technology, processes and data centers serving. In addition, mobile apps and cloud platforms which they have.

➢ Benefits

Google brings information security under firm management control, allowing direction and improvement where needed. Better information security will reduce the risk (probability of occurrence and/or adverse impacts) of incidents, cutting incident-related losses and costs.
Other benefits of include:

A structured, coherent and professional approach to the management of information security, aligned with other ISO management systems

2) Comprehensive information security risk assessment and treatment according to business and security priorities

3) Focuses information security investment to greatest advantage
Demonstrable governance using internationally-recognized good security practices.

4) Technical agreements.

5) System stability, easy to upgrade (Servers)

6) Framework demonstrates legal and regulatory requirements, no law breaking no penalties.

➢ **Costs**

Most of the costs associated with information security would be incurred anyway since information security is a business and compliance imperative. The additional costs specifically relating to the ISMS are mainly:

- Resources needed to design, implement and operate Google, including project management for the implementation project

- Changes needed to bring various business processes and activities in line with the ISO standards

- Third party compliance audits (optional – only required if we decide to go for certification, a decision that can be made once the Google is working)

- Surveillance Audit.

- Risk Management Committee, Incident Response, Internal ISMS Audit, On-site Certification Audit Support).

- External resources.

- System access control

- System acquisition, development and maintenance

- Physical and environmental security

- Compliance

- Information security incident management

- Personnel security

- Security organization

- Communication and operations management

- Asset classification and control

- Security policies