

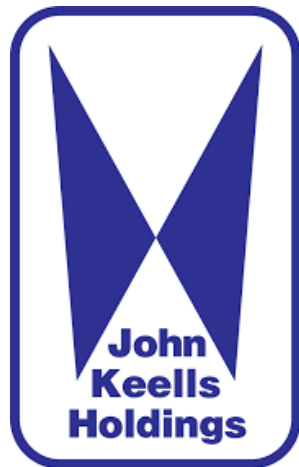
**Sri Lanka Institute of Information Technology**

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**Lab – 05**

**BUSINESS CASE for John Keells Holdings for implementing Information  
Security Management System (ISMS) based on the ISO/IEC 27000 series  
standards**



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## **Company Name: John Keells Holdings PLC**

John Keells Holdings PLC (JKH) is Sri Lanka's largest listed conglomerate in the Colombo Stock Exchange. From managing the largest number of hotel rooms in Sri Lanka to owning the largest private-sector-owned transportation business in the country, providing port and marine fuel services to IT solutions, manufacturing of food and beverages to running a chain of supermarkets, tea broking to stock broking, banking to real estate.

## **What is ISO 27001?**

ISO 27001 is a standard for an information security management system (ISMS). An ISMS is a framework of policies and procedures that includes all legal, physical and technical controls involved in an organization's information risk management processes.

According to its documentation, ISO 27001 was developed to "provide a model for establishing, implementing, operating, monitoring, reviewing, maintaining and improving an information security management system."

## **What is the purpose of having ISO 27001?**

Protecting the organizations information is critical for the successful management and smooth operation of the organization. Completing ISO/IEC 27001 information security management systems certification will helps to the organization in managing and protecting valuable data and information assets.

## **What are the benefits John Keells will gain by implementing the ISO 27001?**

1. Provides customers and shareholders with confidence in how you manage risk.

John Keells is a Sri Lanka's largest listed conglomerate in the Colombo Stock Exchange. Both employees and shareholders are involved with company's business activities. Though it is a large company, still it might have getting risks for their business activities. But by implementing ISO 27001 company can clearly mention how they going to manage risks.

2. Keeps confidential information secure.

Because lots of people engage with the organization it is a must to keeps confidential information secure.

3. Allows for secure exchange of information.

John Keells engage in lots of business sectors. For example Transportation, Air Lines, Hotels etc. When the organization engaging with these business sectors there were thousands of data exchange through the servers. In that case the process of exchanging data should be secure.

4. Provide you with a competitive advantage.

By implementing the ISO 27001 within the company it is a big advantage for the competition. It ensures that the company is conducting a well-mannered process in securing the company's information.

5. Manages and minimizes risk exposure.

By implementing ISO 27001 it helps to minimize the level of risk exposure.

6. Protects the company, assets, shareholders and directors.

## What are the costs John Keells will gain by implementing the ISO 27001?

### ISMS Operation and Maintenance costs

1. Periodic ISMS internal audits to checks that ISMS procedures are being followed.
2. Periodic review and maintenance of information security policies, standards, procedures, guidelines etc.

### ISMS Certification costs

1. Assess and select a suitable certification body.
2. Risk of failing to achieve certification at first application.

### ISMS Implementation Management costs

1. To prepare an overall information security management strategy, aligned with the other business strategies, objectives and imperatives as well as ISO27k.
2. Obtain management approval to allocate the resources necessary to establish the implementation.
3. Employ/assign, manage, direct to various project resources.



### Diagram of ISO 27001:2013 Implementation Process

