SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

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Information security management system ISO 27001 certification for srilankan airline

Information is the most critical component of any company. It is the base behind succession and trustworthiness of the business. Therefor all companies should pay more attention on protecting information.

SriLankan airline is the first aviation services provider in the SriLanka. They operate over 33 destinations from Bandaranayke intonation airport. Not only that, it offers internal flying as well. SriLankan air lines is owned more than 30 flights and more than 3000 staff to cater passengers, and able to control nearly 150 tours per day which carries thousands of human lives. Therefore, to control flight schedules, passenger bookings, staff information and security SriLankan airline need large database with millions of information. That information is very important because of one turn of flight carries hundreds of human lives. Therefore, provide protection to information is a critical task. To prove that SriLankan air lines is secured and most suitable option to fly around the world, it is highly recommended to have proper information security mechanism.

Information security can be achieved by introducing proper controls, polices, processes, and procedures to the organization. Due to ISO 27001 is well known International standard introduced for information security management, system requirements, risk management, metrics and measurements organization can adopt this standard to increase the confidentiality, integrity and availability of the information to save the human lives from thousands of threats and build the confidence on organization among traveler and working staff.

Benefits:

1. Improve the quality of currents information security systems by upgrading security policies, procedures and controls for highly critical databases
2. Information security threats, vulnerabilities and impacts could be identifying easily by constructing proper reports and documents.
3. Reduced insurance premiums due to preparing proper controls before risks appears suddenly.
4. Provide easiness to add new controls to existing security systems.
5. Reduce re-innovation product cost.
6. Provide easiness to identify the overheads of duplication and unnecessary systems of the information to improve the quality of information.
7. Offer proper mechanisms to measure performance time to time for increase the information security for extended time period
8. Leads to create clear set of information security policies and procedures to provide high reliability and availability.
9. Enhance the states of SriLankan airlines as a trustworthy, secure and well-planned organization
10. Provide guarantee to employees, owners and all the stakeholders on SriLankan airline's information security.

Cost: -

1. Identify suitable, talented project manager to implement ISMS inside SriLankan airlines.
2. Planning ISMS implementation project.
3. Assign suitable project managers, employees to establish the ISMS inside SriLankan airlines
4. Call upon meetings with project manages, employees and stakeholders time to time.
5. Track actual development against the ISMS plans and circulate regular status reports/progress updates

6. Prepare complete information assets registry, identify risks and prioritize them according to impact level

7. Prepare proper approaches to control identified risks.

8. Redesign ISMS plans according to identified risks.

9. Conduct awareness trainings to employees on ISMS establishment.

10. Risk of failure at pre-certification after using suitable certification body for ISMS certification.