

SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

[**Enterprise Standards and Best Practices for IT Infrastructure**](http://courseweb.sliit.lk/course/view.php?id=137)

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**Company Background**

‘Priority Payment Systems’ of Texas is run by Jann Orina, an independent representative working with Priority Payment Systems. They are the number one credit card processing company in the industry in Kansas, USA. Credit card processing is their specialty, and also they are offered free loans on all credit card processing terminals, saving money, time. Their terminals are all PCI and EMV Compliant and always up-to-date on the most recent changes, so customers could never have to worry. And also they have a value added reseller of point of sales systems and would be happy to find the best POS system for the business.

The company business is provided credit/debit card processing services, Free Loaner Credit Card Equipment, EMV Compliant Terminals, PCI Compliant Terminals, credit card processing terminals, VAR for many POS Systems, credit card equipment, credit cards (services).

Priority payment systems of Texas is helped to modernize merchants' processes and help save them money. When a customer calls, there are two things that happen: they either want to start taking cards, or they are interested in saving money.

**Introduction**

Information is a worth asset that can make or break your business, so the security of information should be a high priority. When properly managed it allows you to operate with confidence. Information security management gives you the freedom to grow, innovate and broaden your customer-base in the knowledge that all your confidential information will remain that way.

While your organization's marketing and sales teams attempt to leverage security as a market differentiator, information security leadership faces the daunting challenge of "doing more with less." This paper sets out the benefits and provides a business case for an information security management system (ISMS) that conforms to the ISO 27001 standard.

**Background on ISMS**

ISO 27001, the internationally accepted and recognized standard for ISMSs, was developed and supported by the member nations of the International Organization of Standardization (ISO), an organization chartered by the United Nations. The ISO 27000 series of standards evolved from the British Standard BS 7799. Originally published in 1995, Part One of BS 7799, the Code of Practice (aka the implementation guide), is now the basis for ISO 27002 (formerly known as ISO 17799). Part Two of BS 7799, first published in 1998 is the auditable ISMS set of specifications, now embodied in ISO 27001. There are other standards in the series, both published and in progress, covering ISMS implementation guidance (27003), information security metrics (27004), risk management (27005), and a guide to Information Security Management auditing (27008).

**ISMS Benefits**

ISO 27001 is intended to provide guidance on how to manage information security for an organization. To expand on this, the ISO standard is focused on an organization as a whole, including all information types, systems, people, policies, processes, and technologies.

Information Security Management System (ISMS) provides a systematic approach of planning, implementing, monitoring and improving information security in the organization.

An ISMS built and certified to ISO 27001, in addition to its internal benefits to the organization, can also provide defensible due diligence for potential clients, users, or other parties. We can all agree that, the management of information security has been inconsistent at best. The concept of a quality-based ISMS, codified in the ISO 27001 standard, is a classic example of inter-discipline synergy, porting proven quality management techniques into the security discipline.

Achieving information security is a huge challenge for organization as it cannot be achieved through technological means alone, and should never be implemented in a way that is either out of line with the organization’s approach to risk or which undermines or creates difficulties for its business operations. Thus there is a need to look at information security from a holistic perspective, and to have an information security management methodology to protect information systematically.

**Advantages if Priority payment systems Company is ISMS certified**

According to the ISO/IEC 27001:2005, the Information Security Management System (ISMS) requirements standard the company could get more benefits by getting the certification.

* Identify risks and put controls in place to manage or reduce them.
* Flexibility to adapt controls to all or selected areas of your business.
* Gain stakeholder and customer trust that their data is protected.
* Demonstrate compliance and gain status as preferred supplier.
* Provide a structured way of managing information security within an organization.
* Provide evidence and assurance that an organization has complied with the standards requirement.
* Provide evidence and assurance that an organization has complied with the standards requirement.

**Conclusion**

The future of assurance for information security and security risk management lies with the utilization of proactive frameworks, based upon internationally recognized standards. By providing defensible, risk-driven, and process-based information security practices in a manner that is packaged for success, your organization can achieve above mentioned goals.