

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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**Introduction**

MillenniumIT is a leading innovative trading technology business. MillenniumIT’s systems are used by exchange businesses around the world including, London Stock Exchange, Borsa Italiana, Oslo Børs, Turquoise, the London Metal Exchange, Johannesburg Stock Exchange and a series of emerging market exchanges.

MillenniumIT's suite of capital markets products include Millennium Exchange™ (trading platform), Millennium SOR™ (smart order router), Millennium MarketData™ (multi-market market data dissemination) Millennium Surveillance™ (market surveillance and regulatory compliance), Millennium PostTrade™ (clearing and settlement) and Millennium Gateway (single trading interface). These products cater to trading multiple asset classes including equities, derivatives, debt, commodities, forex, structured products and exchange-traded funds.

The systems integration business of MillenniumIT, is a leading Sri Lankan information technology solutions provider, specialising in IT solutions for the financial and telecom industries. MillenniumIT also offers information technology infrastructure and consulting services.

Founded in 1996, and headquartered in Colombo, Sri Lanka, MillenniumIT was acquired by the international diversified exchange business London Stock Exchange Group in October 2009.

**Why MillenniumIT needs an Information Security Management System?**

As one of the leading IT company in Sri Lanka and as a company which closely deal with the exchange businesses all around the world MillenniumIT has to have a good Information Security Management System. MillenniumIT has to protect their exchange businesses plus all other business information in well define manner.

The ISO 27001 standard is designed to ensure that adequate and proportionate security controls are put in place to ensure Data Protection and protect sensitive company information and data in order to comply with Data Protection laws and also to gain customer confidence.

Benefits of implementing an Information Security Management System based onISO/IEC 27000 series standards (ISO27k)

ISMS benefits

* Credibility, trust and confidence of your customer.
* Great awareness of security.
* Securing confidentiality, integrity and availability.
* Compliance with legislation.
* Prevention of confidentiality breaches.
* Prevention of unauthorized alteration of critical information.
* Prompt detection of data leakage and fast reaction.
* Meeting international benchmarks of security.
* Organization will improve credibility and trust among internal stakeholder and external vendors

Benefits of standardization

* Common framework for businesses to follow.
* Risk based approach to help plan and implement an Information Security Management System.
* ISO 27001 ensures the right people, processes, procedures and technologies are in place to protect information assets.
* ISO 27001 protects information and ensures its confidentiality, integrity and availability are maintained.

ISMS costs

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