

**Business case for DELL an Information Security Management System(ISMS) based on the IOS/IEC 27000 series standards**

**Introduction**

**What is ISMS?**

Information Security Management Systems (ISMS) is a systematic and structured approach to managing information so that it remains secure. ISMS implementation includes policies, processes, procedures, organizational structures and software and hardware functions. The ISMS implementation should be directly influenced by the organization’s objectives, security requirements, processes employed, size and structure.

**Why do we need ISMS for DELL ?**

Organizations and their information systems and networks are exposed with security THREATS such as fraud, espionage, fire, flood and sabotage from a wide range of sources. The increasing number of security breaches has led to increasing information security concerns among organizations worldwide.

Dell company operations and businesses have earned certifications in a number of important areas, including quality, environmental, occupational health and safety, and IT security management systems.

Management of Information Security covering all information assets deployed for providing Business Process Services including Healthcare Services The ISO 27001 certification is particularly useful to DELL company by helping develop a stringent [Information](http://searchnetworking.techtarget.com/tip/Developing-consistent-information-security-policy-management) security management system. Most important, it will demonstrate to employees, customers and business partners that when it comes to security, DELL company is prepared.

**DELL as the IT company it can be lot of Information security issues**

* Potential information breach, damaging the reputation
* Lack of confidence in your organizations ability to manage information security risks
* Difficulty in responding to rising customer expectations in relation to the security of their information
* With increasing fines for personal data breaches, organizations need to ensure compliance with legislative requirements
* No awareness of information security within your organization

**Benefits**

Here are the five most compelling benefits to investing in ISO 27001 security certification for DELL.

* **Manage risk:**

 ISO 27001 focuses on proactive risk management, which is crucial for building a solid, sustainable security foundation. DELL company realize they must [invest in security](http://searchsecurity.techtarget.com/feature/Information-Governance-and-Security-Protecting-and-Managing-Your-Companys-Proprietary).

* **Security management frameworks**

 ISO 27001 provides a proven framework and all the general requirements for establishing information security best practices.

The framework forces structure across the entire department, including roles, responsibilities, leadership and decision making. As a result, operations are more efficient, organized and successful.

* **Protect suppliers and customers:**

 The ISO 27001 certification delivers a well-defined structure by which both are made aware of their [information security roles](http://searchsecurity.techtarget.com/answer/How-can-organizations-improve-specialized-security-hiring) and responsibilities.

* **Improve customer confidence:**

It is common knowledge that solution and service providers often introduce and deliver products before [fully realized security procedures](http://searchsoftwarequality.techtarget.com/tip/How-to-handle-security-in-Agile-product-development) have been put in place. Having ISO 27001 certification lets DELL customers know their sensitive and confidential data is protected within DELL company

* Creation of a high level creating and authorizing the ISMS
* Correct identification of all assets within scope of your ISMS

In operation, the Dell and Oracle platform has proven to be highly effective. For example, Dell tracks the number of product units that are not manufactured due to system outages and that figure has been reduced by more than 90 percent. At the same time as a company DELL have seen tremendous performance improvements.

The new environment can process significantly more data than before. That improvement is especially evident during weekly, end-of-quarter, and end-of-month financial processing times, which have been cut by an estimated 40 to 50 percent—or more. Basic month-end batch jobs that used to take eight hours now take two to three hours. In more complex cases, there can be some 40 steps involved in closing the books and calculating cost, a process that used to take 13 hours or more to complete. Those closings are now completed in six hours or less. Such reductions have been key, because during these closing processes, the supply chain system is shut down—and so is manufacturing. Looking ahead, Dell plans to use the Dell and Oracle platform to separate the closing process from production, so that manufacturing will not be interrupted at all.

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