

# KPN International achieves ISO 27001 certification



Information security is one of the most business-critical issues for KPN International and its customers. When organisations choose KPN International as a provider of network and data communication services, they must have complete confidence in our ability to protect all information with which we are entrusted.

ISO 27001 is the recognised international standard for Information Security Management Systems (ISMS), and in April 2009, KPN International was independently certified as being fully compliant to this demanding standard.

To achieve ISO 27001 compliance, an organisation must be able to demonstrate that it has the processes in place to ensure the confidentiality, integrity and availability of all information assets. **The ISMS ensures:**

- Insight into risk and threat
- Processes to conduct and manage appropriate counter-measures
- The mechanism for continuous security development

Certification is rigorously controlled and is conducted by independently authorised auditors. At KPN International, the audit was carried out by certification specialists, KEMA ([www.kema.com](http://www.kema.com)). As a result of their analysis, the auditor indicated a number of **security characteristics in which KPN International excelled:**

- Strong commitment to security from the management team
- Good overall knowledge and awareness of security processes
- Effective communication between departments
- Clear approach to continuous improvement

KPN International began the ISO 27001 certification process in late 2007. The Management Team conducted an initial Business Impact Analysis. This examined worst-case scenarios for security breaches including the impact of unauthorised access to customer information, financial damage and the cost of secure recovery. This analysis also ranked information assets according to value, establishing the security prioritisation.

The outcome of this analysis formed the input for the risk assessment. The risk assessment was the core activity for certification. Security threats were carefully analysed in terms of likelihood and seriousness, and the necessary controls checked and refined as required. Security risk is continually mutating, and the success of any ISMS depends on how effectively it is able to counter evolving threat.

KPN International has established a clear process for ongoing management, control and improvement. Information security has always been high on the business agenda at KPN International. The new ISO 27001 certification is a natural extension to our existing ISO 9001-certified quality management system.

## ISO 27001 customer benefits

- Confidence – KPN International is independently certified
- Clarity – the ISMS spans company operations and is open to inspection
- Future-proof – information security is continually monitored and improved.

[www.kpn-international.com](http://www.kpn-international.com)

