VERAX SYSTEMS

Verax Systems delivers mission-critical systems for the telco, financial and large enterprise markets. These engagements often require intellectual property and/or personal data be entrusted to us. In order to safeguard this data, Verax Systems has implemented a BS7799 (ISO/IEC 27001) compliant security policy, ensuring data confidentiality, integrity and availability.

Security Policy Overview

Introduction

Verax Systems is an IT company providing services in the areas of: custom software development, product and services outsourcing, technical support and many others. Providing such services involves access to **intellectual property** rights (IPR) and **confidential data** entrusted to us by our customers, ensuring it is properly secured.

A key part of Verax Systems' long-term quality strategy is the adoption of the **internationally recognized management standards**. Therefore, Verax Systems has introduced a **BS7799** compliant security policy to govern all aspects of information security.

The BS7799 (The British Standard for Information Security Management) provides a comprehensive set of controls comprising best practices in information security. It was written by the United Kingdom Government's Department of Trade and Industry (DTI) and originally published by the British Standards Institute (BSI) in 1995. After several revisions, the standard was eventually adopted by ISO as ISO 17799, "Information Technology – Code of practice for information security management." in 2000 and most recently revised in June 2005 (ISO/IEC 27001).

Information security is defined within the standard as the preservation of: **confidentiality** (ensuring that information is accessible only to those authorized to have access), **integrity** (safeguarding the accuracy and completeness of information and processing methods) and **availability** (ensuring that authorized users have access to information and associated assets when required).

The Policy

Verax Systems' security policy is based on the **principle of least privilege** (PoLP; also known as the principle of least authority) – an important concept in IT security, advocating for minimal user profile privileges on computers, based on users' task necessities. The policy applies to all Verax **employees and subcontractors** and defines sub-policies and procedures covering the following areas:

- Anti-virus protection (tools, updates, scanning frequencies, etc).
- Software installations (inventory, audit, approved software packages, etc).
- Password policy (acceptable passwords, auditing).
- Network and computer audits.
- Remote, VPN and DMZ access.
- Physical security policy (alarm systems, access to physical parts of the office such as server rooms, etc.).
- Wireless networks usage.
- Visitor policies.
- Information sensitivity policy.
- Resource usage policies (servers, workstations, mass storage and private equipment) and others.

Benefits

The application of BS7799 enables Verax Systems to implement a standards compliant, controlled, continuously improved and well-defined security management process, leading to the following advantages:

- Lowering risks associated with human factor as well-defined procedures are introduced.
- Measurement and control of IT security related risks.
- Documentation of security relevant structures and processes.
- Staff with enhanced security consciousness.
- Evaluated organizational processes with regards to IT security aspects.
- Better protection of IPR and customer data (such as call data records, CRM databases and others) entrusted by customers.

Summary

Verax Systems security policy is continually updated and enhanced. The policy itself is enforced by many hardware and software packages such as network inventory software, anti-virus scanners, alarm systems, CISCO firewalls with access control lists (ACLs) and system logs to name a few.

Projects implemented by Verax Systems are located on separate, isolated networks in order to block sensitive information among particular project teams. Access to shared servers is controlled by ACLs and logged for future reference.

Our security policies have undergone successful audits performed by our customers. For more information visit us on the Internet at **www.veraxsystems.com**.

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