



## Security

Anyone who is responsible for a private network (such as a LAN or WAN) and has connectivity to a public network (such as the Internet) needs protection. Whether it's a single computer connecting to the Internet, or a corporation with multiple computers networked together, protecting your network against attacks from malicious intruders is as critical as opening the doors for business in the morning. Maintaining security demands for everything from dial-up connections to complex corporate LANs / WANs has become an important concern as the Internet has evolved.

Today, the necessity for trustworthy Internet security is as critical a business need as any. According to FBI statistics two years ago, 30% of United States companies reported hackers had broken into their computer networks. Too many companies remain inadequately protected. Security gaps exist and information security is not afforded the priority it deserves. Non-technical business executives underestimate the risks associated with faulty propriety information security, and many businesses rely on shoddy security practices to fortify their online business capital.

PenTeleData is an industry-leading provider of information security management services for Internet access, networks, servers, applications and desktops. PenTeleData provides security management systems for the assessment of networks, policing of policy and intrusion detection. More over, PenTeleData's exemplary customer and consulting services, and special accommodations to educational institutions reduces the expense and complexity of protecting your online capital.

PenTeleData approaches Internet security with a complete solution, offering a recommendation that covers the entire breadth of your Internet / Network security needs. This comprehensive approach creates information security centered on assessment, design, deployment, management, education and support. PenTeleData employs the objectives of our customers' business and makes them starting points for establishing information security solutions. The result is a risk management solution that is supported and understood by both technical and executive staff that pays careful attention to creating an achievable and enforceable security policy.

Enjoying nearly two decades of combined security industry experience, PenTeleData's team of security experts is focused on protecting you against the latest threats. This team of specialists understands exactly how to transform the complex technical challenges into practical and affordable strategies. Our security team is comprised of security professionals with industry training / certification and former law enforcement experience including Technical Trainers, Consultants for Federal and State Law Enforcement Agencies and membership in the National Security Agency Information Assurance Technical Framework Forum (establishes standards for government and private sector security).

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**Jeff Reinhard**

*General Manager*

**-PenTeleData**

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## Security

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PenTeleData's renowned research and development instills the confidence that empowers our customers with the conviction to grow.

PenTeleData offers this wide range of services to ensure the quality, integrity and security of your network remains intact:

**Managed Firewalls** - PenTeleData meets clients' needs to ensure network security by delivering continuous and cost-effective support on a 24 x 7 basis. PenTeleData allows clients to focus on their core business while we focus on ours: Ensuring Network Security. A Managed Firewall requires PenTeleData Plus and the corresponding hardware maintenance for Firewall hardware. Although the hardware is located on the customer's premises, the customer does not have access to the Firewall. PenTeleData is responsible for maintaining the Firewall, and PenTeleData monitors and responds to all Firewall Alerts. PenTeleData provides access to the NCC and Security Engineers for support, and monitors (24x7x365) Firewall hardware and connectivity. A Firewall can even be configured with or without Intrusion Detection.

**Unmanaged Firewalls** - With this option, the customer is responsible for all maintenance involved in managing their Firewall. Firewall hardware is located on the customer's premises, and PenTeleData provides support on a T & M (Time & Material) basis. Furthermore, the customer has access to the Firewall, and PenTeleData will directly log to the Customer's logging server (Syslog). Again, all Firewall changes are based on a T & M schedule. An Unmanaged Firewall can be configured with or without Intrusion Detection.

**Remote Access Virtual Private Network** - A PenTeleData remote access virtual private network permits users to securely tunnel into a remote network using a standard Internet connection (dial-up, cable, dsl, etc.) In other words, an individual working from home can securely communicate through the Internet with their corporate network.

**Point-to-Point Virtual Private Network** - A PenTeleData point-to-point virtual private network permits the secure transfer of information between multiple shared or public networks. Point-to-Point virtual private networks operate on the network level. As such, they are completely transparent to the users of the networks. In other words, an individual using their corporate LAN can securely communicate through the Internet with another corporate LAN located anywhere in the world with a PenTeleData Point-to-Point virtual private network.

**Network Vulnerability Analysis** - Network vulnerability analysis is a systematic review that determines the adequacy of security measures, identifies security deficiencies, and evaluates the effectiveness of existing and planned safeguards. PenTeleData can provide you with independent vulnerability assessment and penetration testing services, as well as assist you in developing your own policies and procedures for in-house periodic assessment.

**Network Intrusion Detection** - PenTeleData's Intrusion Detection delivers state-of-the-art network protection, including protection against the deployment and execution of Distributed Denial of Service attacks - an essential capability at a time when networks are susceptible to an increasingly sophisticated array of attacks.

**Host Intrusion Detection** - Employ's an agent that resides on each host to be monitored. The agent scrutinizes event logs, critical system files and other auditable resources looking for unauthorized changes or suspicious patterns of activity. PenTeleData can offer managed or unmanaged solutions. In the event of an incident report, our 24x7 Network Control Center will respond within minutes to take necessary actions to ensure network integrity.

**Intrusion Analysis and Recovery** - PenTeleData has been providing investigative and data recovery services to its customers since its inception. We have worked with law enforcement, private investigative firms, and law firms in the areas of data forensics, due diligence, discovery, and audit. Whether you have experienced a security incident, are investigating one, or trying to prevent one, PenTeleData can provide the right mix of resources to satisfy your requirements.

**Security Consulting and Training** - From the smallest to the largest network, you should take steps to make sure that it is secure from attack or theft. How you protect the integrity of your network information can be handled aggressively or casually depending upon what you have and how much you need to protect. If you want to do a good job then there are specific steps that you should take and in a specific order.

PenTeleData is a Technology and Internet service firm catering to schools, healthcare organizations, businesses and professionals throughout the tri-state area. We use our expertise to help you from beginning to end. PenTeleData will design, install, train, support and service your technology solution.

Additionally, PenTeleData maintains a responsive, local service group dedicated to customer satisfaction. Trained and knowledgeable personnel use multi-corporate resources, such as a 24x7 Network Control Center, Engineers, Sales Engineers and a full staff of industry-certified specialists to provide our customers with a wide range of quality products and services.

For information on this wide range of products and services, call our salesteam today at 1-800-281-3564.