



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 safely 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, and 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, the policing of policy and intrusion detection. Moreover, PenTeleData's exemplary customer and consulting services, and special accommodations to educational institutions reduce 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 numerous government and private sector security organizations.

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

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

"Whether a single computer or a corporate network, protecting your network against attacks from malicious intruders is as critical as opening the doors for business in the morning."

Jeff Reinhard
General Manager
- PenTeleData

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Firewalls – A Firewall is a TCP/IP-based network access control device. It provides protection to a customer's secure network by checking all data entering -- or leaving -- the protected network. A Firewall is implemented as a barrier to prevent unauthorized traffic from crossing one segment to another, while permitting authorized traffic to traverse the network unhindered.

There are three types of Firewall packages available from PenTeleData: a Managed and Monitored Firewall; a Managed Firewall and an Unmanaged Firewall. A Managed Firewall allows clients to focus on their core business while PenTeleData focuses on ours: Ensuring Network Security.

Managed and Monitored Firewall – With a Managed and Monitored Firewall, PenTeleData manages the operation of the Firewall, ensuring the operability of the Firewall and the security of your network. PenTeleData also monitors all traffic denied by the firewall, watching for possible network attacks or attempts to compromise the security of your network. If PenTeleData detects an attack or an attempt to compromise your network, we alert you immediately.

Managed Firewall – With a PenTeleData Managed Firewall, we manage the operation of the Firewall, ensuring the operability of the Firewall and the security of your network. With the Managed Firewall, we do not monitor the Firewall logs for attacks or attempts against your network.

Unmanaged Firewalls - The customer is responsible for all maintenance involved in managing their Firewall; the Firewall hardware is located on the customer's premises.

Remote Access Virtual Private Network - a PenTeleData Remote Access Virtual Private Network permits companies to securely connect their employees to the company network via the Internet using a standard Internet connection (dial-up, cable, dsl, etc.) 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. 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 Audit & Vulnerability Analysis - Network Audit & 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 Network Intrusion Detection Service delivers state-of-the-art network protection by inspecting all traffic traversing the customer's network 24x7 for signs of attack or misuse of network resources. This monitoring is an essential capability at a time when networks are susceptible to an increasingly sophisticated array of attacks. In the event of an incident, a managed NIDS customer will be contacted by our Network Control Center and within minutes will respond to take necessary actions to ensure network integrity.

Host Intrusion Detection - Host Intrusion Detection employs 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 intrusion incident, our Network Control Center will respond 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.