

PresiNET's TOTAL VIEW GATEWAY

Providing "Enterprise Class" Security Firewall, VPN and Visibility Services

Enterprise communications can no longer operate without accessing the Internet, accepting replies, and responding to requests thousands of times a day. This free flow of information leaves many enterprise networks wide open to attack.

PresiNET's TOTAL VIEW GATEWAY provide a leading-edge, comprehensive network security and VPN system for the lowest investment costs in the industry. These services also include our award winning Internet Visibility technology, enabling your organization to monitor Internet traffic in detail.

Firewall Security

Round the clock Firewall Security with automatic critical event response.

- Have the most vigilant, intelligent, and reliable network security solution on the market.
- Know that our firewall technology uses the latest in Statefull Inspection and Application firewalling.
- Provide enhanced security through real-time pattern irregularity alerts and automated security responses.
- Know that PresiNET supplies the hardware appliances and manages the hardware lifecycle as part of the service.
- Confirm the Firewall rules meet your security requirements by using PresiNET's security experts.
- Know that the system can scale to your current and future requirements.
- Capable of supporting up to 350,000 simultaneous connections at Gigabit speeds.
- Ensure your environment is secure and still allow your IT staff control of the gateway.
- Track all security events and determine who is targeting your network.
- Utilize Web content filtering to ensure your staff are visiting only approved Web sites.
- Ability to implement advanced routing features not normally available to non-enterprise organizations.

DMZ, VPN, Failover, and more

Additional features that are critical when securing the gateway and ensuring full functionality.

- Deploy Virtual Private Networks (VPN) without hassle and know that the solution is secure.
- Utilize the latest in VPN security and connect remote sites permanently while supporting remote user access.
- Connect up to 500 remote VPN users and remote offices.
- Separate your internet services from the internal network using DMZ technology to ensure the highest level of security.
- Know that with firewall, VPN and DMZ technologies, you can operate a wireless network without worry.
- Support up to 6 networks including 4 separate DMZ networks.
- When utilizing our failover technologies, know that when a failure occurs, the system will continue to operate.
- Ability to failover to alternate Internet connections when the primary ISP fails, ensuring your Internet access remains operational.
- Know that during an ISP outage, PresiNET will automatically fail the VPN tunnels over without losing the sessions.
- Know that the Internet traffic can be automatically sent to a hot standby unit in the event of a hardware failure.
- Shape Internet traffic using QoS technologies like Bandwidth Throttling and Packet Prioritization.



Tough and Smart

PresiNET's TOTAL VIEW GATEWAY offers the most vigilant, intelligent, and reliable Internet security solution on the market. The Security Gateway Service's tough G-series firewalls and VPN gateways are ISCA certified integrated hardware/software appliances designed to provide proactive protection. They can be scaled and customized to protect thousands of workstations and multiple networks. But it's the combination of PresiNET's Advanced Security Intelligence Analysis and Secured Operations Center that makes this service smart enough to continually adapt to new security threats.

The challenge for network security solutions is to create an iron-clad line of defense that's intelligent enough to allow legitimate information transactions to pass unhindered. We support many security technologies:

- Statefull Inspection,
- Application Firewalling,
- Demilitarized Zones (DMZ),
- Virtual Private Networking (VPN),
- Content Filtering,
- Redundant Failover,
- High Availability,
- Advanced Routing and
- Detailed Reporting.

PresiNET's TOTAL VIEW GATEWAY Services provide easy-to-install and easy-to-use real-time security reports and management tools to **make your enterprise's gateway secure.**

Bandwidth Monitoring

Ability to view bandwidth and monitor Internet traffic by application, user, destination and more.

- Ability to see Internet traffic, discover how and why bandwidth is used and have management tools which can be used to control what is discovered;
- Know how much applications bandwidth the enterprise is using in the Internet and by whom;
- Detect applications that are not part of the approved application list and pinpoint the users of those applications. (Most administrators are surprised to find just how many non-approved applications are running on the Internet);
- Identify traffic from Spam, Trojans, Viruses and other anomalous traffic that has not been detected on the network. (We can pinpoint the exact systems that are infected and focus the IT staff on those systems, saving time and money);
- Determine when applications are being utilized on the Internet:
 - Ensure Internet patch updates and backups occur at appropriate times and frequencies,
 - Ensure Internet applications do not burden the network during peak times – improve performance.

Connection Tracking

Ability to monitor all Internet TCP/IP connections by application, user, destination, time and more.

- Track all Internet TCP/IP applications and where they are connecting. Determine where users are connecting, where on the internet they are going (including web sites), what services they are using, and more;
- Determine connection loads as apposed to bandwidth loads. High connection loads can cause Internet performance issues and even outages, even though sufficient bandwidth is available;
- Identify which systems are causing high connection loads. In some cases, high connection loads can be caused by misconfigured systems or network errors. This will help identify where the issues are, saving time and money;
- Provide an additional level of security by tracking connections to see if users are trying to access non-approved Internet resources. Some systems may have malicious software or may be compromised. Tracking connections will help identify these systems;
- Perform detailed forensic audits on users and systems. For example, audit a disgruntled employee for the last three months and determine exactly where and what systems were connected to out on the network and Internet.

System Components

Security Manager

PresiNET's Security Gateway Appliances provide the latest in security technology ranging from Statefull inspection and application based firewalling, and advanced routing capability to help secure your network environment from next-generation attacks. With built-in usage pattern analysis, real-time pattern irregularity alerts and automated security responses, PresiNET's Security Manager provides heightened security to your network through the earliest possible detection, notification and remediation of potential security threats caused by Trojans, worms and other self propagating malicious code introduced to the network.

Performance Manager (QoS)

Controlling traffic flow in and out of your organization, or prioritizing traffic such as VoIP, will increase performance within your infrastructure. Limiting non-business related traffic, ensuring core-business traffic priority, dedicating bandwidth for critical applications, and sharing bandwidth equally among subnets and users will increase productivity for your organization and clients. Utilizing technologies like Fair Queuing, Bandwidth Throttling, Latency controls, and Quality of Service (QoS) will ensure optimum bandwidth management.



Internet Visibility Manager

PresiNET's Network Visibility Manager provides real-time intelligence tools that offer an unparalleled look at the way your enterprise uses its Internet resources. Internet Visibility Manager takes the invisible complexities of your Internet transactions and makes them visible.

The way your enterprise's employees and applications use the Internet can have a substantial impact on your bottom line. PresiNET's Internet Visibility technology gives you the information you need to turn Internet resource inefficiencies into models of optimized resource allocation.

PresiNET's Secure Operations Center (SOC)

PresiNET's Security Gateway Service was designed for small and medium sized organizations that require a strong security solution. PresiNET provides 24X7X365 firewall event management, Security information, Internet Visibility and Intelligence from our SOC where the firewall data is analyzed, correlated, and posted to the Web portal for your review.

TOTAL VIEW GATEWAY Features

- Statefull Inspection
- Application Firewall Mode
- Application Monitoring,
- Security Event Management,
- Quality of Service (QoS)
- Detailed Bandwidth Monitoring,
- Connection Tracking,
- Web Site Tracking,
- Capacity Planning, Troubleshooting and
- Fault Prevention.

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