

**Product Name:**

PAETEC's Network Firewall

**Product Availability:**

PAETEC's Network Firewall is available in PAETEC's North and East markets.

**Ideal Customer Profile:**

PAETEC customers looking to protect and secure their internal network with a network-based firewall.

**Product Requirements:**

PAETEC requires the customer's hub and 60% of its locations to have a dedicated connection to PAETEC's network.

**CPE Requirements:**

Since the Network Firewall replaces the CPE-based Firewall, no additional CPE is necessary.

## Network Firewall | In Brief

### Product Description

PAETEC's Network Firewall solution resides within the PAETEC network, as opposed to the customer premise. The Network Firewall service provides maintenance-free protection for data services, as well as PAETEC-managed updates and change requests. The Network Firewall allows internal users to access web pages and e-mail without allowing external users to access computers on the internal network (inside the firewall). Customers can have customized security policies to limit types of inbound and outbound requests. PAETEC's Network Firewall provides packet filtering, circuit-level gateways, application-level gateways or proxies, and stateful packet inspection.

### Product Capabilities

**Network-Based Firewall** – Provides firewall protection for all sites at the customer-facing edge of the network. Change management, policy updates, and security patches are completed by PAETEC. Traffic graphing and reporting utilities are available through PAETEC Online.

### Ancillary Services

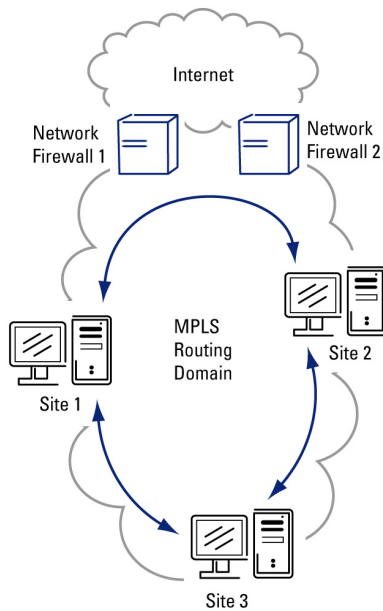
**Web Anti-Virus and Anti-Spyware** – Combines multiple commercial virus scanning technologies to identify known legacy viruses, spyware, adware, and malware. The technology provides real-time scanning and analysis of traffic as well as e-mail alerting to administrators and users.

**Web URL Filtering** – Uses a rule-building process to sort inappropriate content and file types, enabling enforcement of web acceptable usage policies.

### Product Versions

Customers can choose one of the following combinations to meet their specific security needs:

- Network Firewall
- Network Firewall with Web Anti-Virus and Anti-Spyware
- Network Firewall with Web Anti-Virus, Anti-Spyware, and Web URL Filtering



## Application One

Net Renter, headquartered in Boston, Massachusetts, is currently looking at various options for replacing its CPE-based legacy firewall solution, since it is no longer supported by the hardware vendor. After researching various CPE vendors, Net Renter realized that purchasing new equipment would be a large capital investment for the organization. In addition, multiple firewalls would be required, since it has multiple sites that connect directly to the Internet.

PAETEC's Network Firewall solution allows Net Renter to secure and protect its network from unwanted intrusions and hackers. The Network Firewall solution resides in PAETEC's network, eliminating the need to outlay capital expenditures for the solution.

In addition, since the Network Firewall is network-based, all of Net Renter's remote sites connect directly to the Firewall, facilitating a secure connection for each site. Net Renter receives its own login information to the Network Firewall to view real-time traffic utilization graphs and log data.

## Application Two

B & B Distribution Services, Inc., is a shipping company located in Cherry Hill, NJ, with 12 locations spanning from Maine to Virginia. As the company continues to grow, it is finding that its small IT department is having difficulty managing network firewall updates and change requests.

B & B has discussed whether it should increase the size of the existing IT department to handle security management. The additional personnel would be responsible for change management, patch updates, and access control list maintenance for all 12 locations. After researching the cost of hiring security professionals, B & B came to PAETEC for assistance.

B & B decided that PAETEC's Network Firewall was the perfect solution. PAETEC now handles B & B's change management, patch updates, and access control lists, and the internal IT department only needs to submit a change request to update the company's firewall policies. B&B has been able to avoid hiring additional IT resources and has freed up its current IT staff to work on mission-critical projects.