

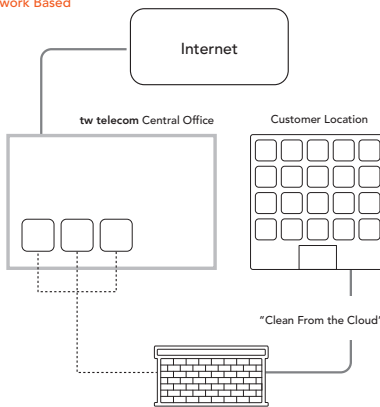
# Managed Security Services



In today's world of prominent network attacks and security breaches, every business is vulnerable. **tw telecom** has created a solution to help protect your business. Our reliable, customizable, and scalable managed security services monitor and secure your network to prevent the exposure of personal information and gives you the peace-of-mind you deserve.

**tw telecom** offers both network-based security services and CPE-based security services, including **Managed Firewall, IPSec VPN, Remote Access, Spam Relay, URL Filtering, and Antivirus.**

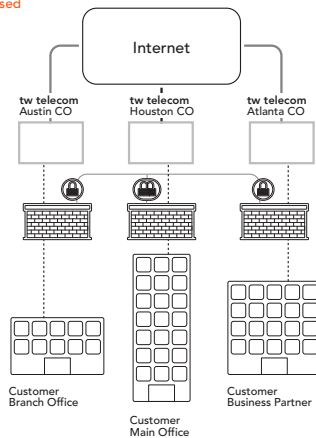
Network Based



## Network-Based Security

With **tw telecom's** network-based firewall, the security device is placed within our central office. This solution provides "clean from the cloud" bandwidth using Layer 3 Stateful Packet Inspection (L3SPI) and allows tw telecom to remove unauthorized traffic from the public Internet before it even reaches your connection. In addition, the added benefit of our network-based firewall is the extra layer of detection, alerting and mitigation from Distributed Denial of Service (DDoS) attacks.

CPE Based



## CPE-Based Firewall Service

With **tw telecom's** CPE-based firewall, the security device resides at the customer's premises providing L3SPI and secure VPN (provided via IPSec using DES, 3DES or AES encryption) functionality enabling point-to-point data encryption. With our CPE-based firewall service, your business is better able to comply with mandated privacy and/or security regulations.

Both network and CPE-based services offer firewall services. Some CPE-based services can also provide the capability to utilize an encrypted VPN between two locations and Remote Access, Spam Relay, URL Filtering and Antivirus.

## About tw telecom

**tw telecom** delivers the most advanced telecommunications solutions on the market to a wide spectrum of businesses and organizations across the United States and globally. Since 1993, we have built a legacy of success through exceptional customer care, remarkable products and powerful networks. These strengths enable us to deliver scalable solutions that help customers improve their business metrics. For more information, please visit [www.twtelecom.com](http://www.twtelecom.com).



tw telecom's security services are available in three service levels: Business, Premium, and Premium Plus.

### MSS Business (Network and CPE)

- Removes unauthorized Internet traffic
- Mitigates DDoS attacks
- Delivers data encryption over the Internet
- 2 free policy changes per month

### MSS Premium (Network and CPE) offers all of the above plus

- 8 free policy changes per month
- Monthly executive reports
- Initial security consultation

### MSS Premium Plus (CPE only) delivers all capabilities of CPE MSS Premium and the following network protection services

- **IPSec Remote Access:** Enables remote (and secured) access of customer's end-users into their corporate network via IPSec client on user's laptops/desktops
- **SPAM Relay:** Anti-SPAM filtration of incoming email for known SPAM and phishing users via industry leading anti-SPAM engine
- **Integrated Content Filtering:** End-user URL (aka Web or Content) filtering capability. Leverages database of 25 million with over 3.9 billion identified pages and 54 different categories simplify customer management
- **Anti-virus:** Web, email and webmail protection from file-based viruses, worms, backdoors & Trojans.

#### WORKS WITH OTHER tw telecom SOLUTIONS

- Traditional and Ethernet Internet Access
- DDoS Mitigation Service
- VersiPak Services

## Business Benefits

**Superior Service:** Dedicated team of security professionals available 24 x 7 x 365 to resolve security issues

**Increased Efficiency** of your bandwidth utilization based upon the removal of unauthorized traffic

**Customizable** configurations for your individual security requirements

**Secure:** Encrypted tunnels using secure VPN to ensure confidentiality, integrity, and authentication of data

## Business Features

**Thorough:** Comprehensive initial security consultation

**Installation:** Inclusive of on-site technician for CPE installation

**24 x 7 x 365 Support:** Proactive monitoring and response

**Flexible:** Up to 8 free instances of policy change per month

**Transparent:** Executive level reporting of security incidences