

# TCC

## NS - 10

### Network Security

VPN  
Security  
for  
Mission-Critical  
Networks



TCC's Network Security  
Family of Products

## 10 Mbps VPN, Firewall & Traffic Shaping

### Integrated VPN Security

The TCC NS-10 with ASIC-based 10 Mbps performance sets the standard for VPN network security solutions. The TCC NS-10, powered by NetScreen™, is IPsec compliant with proven interoperability with other vendor's devices. It offers IKE and PKI management modes for automated secure key exchange and high-level Triple-DES encryption. In addition, the TCC NS-10 includes strong firewalling and traffic shaping capabilities.

### High Performance Firewall

The TCC NS-10 incorporates a custom-designed ASIC to provide a secure high speed low latency performance solution for mission-critical enterprise data.

- 10 Mbps performance
- 4,000 concurrent sessions
- Up to 4,000 screening policies
- Network Address Translation (NAT)
- Transparent mode
- Dynamic filter
- Circuit level proxy
- URL blocking
- Real Time alarming and logging

### Traffic Shaping

Traffic Shaping allows a network administrator to monitor, analyze and allocate bandwidth to support network traffic.

- Traffic bandwidth and prioritization management - manage traffic your way!
- Virtual IP - map and protect internal servers.

### Real-Time Monitoring

The TCC NS-10 provides real-time monitoring and logging of network traffic.

- Real-time logging and alarming monitors network status.
- E-mail alerts - alerts administrator to system events.

### Transparent mode

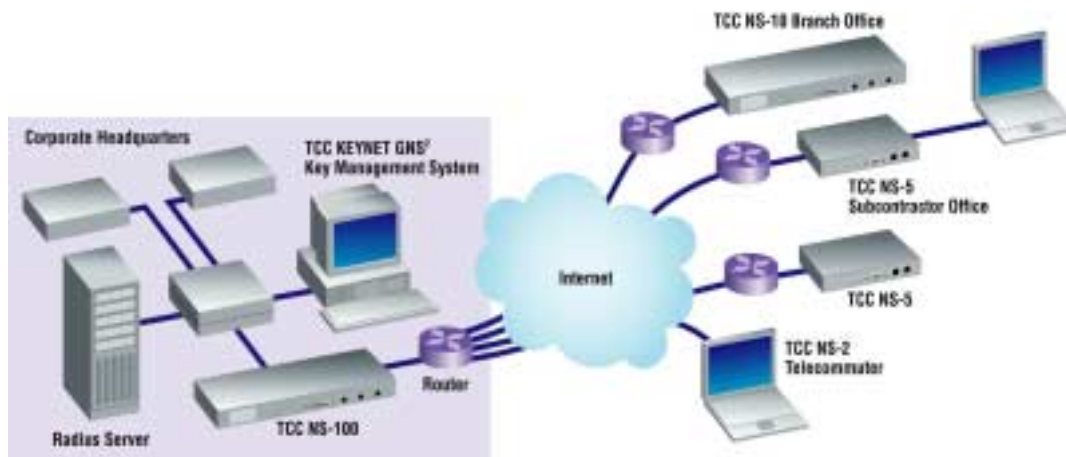
Transparent mode is invisible to network traffic. No changes are required to routers or hosts when installing the TCC NS-10. Configurations can be performed anywhere on the network using a web browser of choice.



## Features

- > Complete VPN security solution
- > Fully IPSEC compliant
- > 10 Mbps wireline performance
- > 168-bit Triple DES encryption
- > Advanced firewall protection
- > Traffic shaping
- > Easy to install and operate
- > Unlimited users
- > Up to 100 VPN tunnels
- > Up to 4,000 firewall policies
- > Up to 4,000 concurrent sessions
- > Centralized monitoring and management

## Virtual Private Network



global network security system

# TCC NS-10

# specifications

network  
security  
solution  
for mission-critical  
virtual private networks

## Easy Deployment

The TCC NS-10 is a compact, standard size rack-mountable network unit that can be installed and configured quickly and easily for rapid deployment.

The TCC NS-10 provides affordable full-featured security for medium-size enterprises, branch offices or departments within the enterprise Intranet at 10 Mbps.

## Centralized Management

The TCC NS-10 can be easily and securely configured, individually, through a web browser, SNMP manager, Command Line Interface (CLI), or it can be managed centrally with TCC KEYNET GNS<sup>2</sup>.

TCC KEYNET GNS<sup>2</sup> is a key application for network managers responsible for multiple CipherONE VPN product family devices. It provides centralized, concurrent configuration, monitoring and management of up to 1,000 devices, including real time monitoring, logging and alarming.

## Specifications:

### VPN

IPSec, Triple DES, manual key management and automated key management via IKE(ISAKMP) or PKI. MD5 or SHA-1 authentication.

### Firewall

10 Mbps wire-speed screening, 4,000 concurrent sessions, up to 4,000 advanced access screening policies, Network Address Translation (NAT), Transparent mode, Dynamic filter, Circuit-level proxy, URL blocking, Real-time alarming and logging.

### Traffic Shaping

Guaranteed maximum bandwidth, priority-bandwidth utilization.

### System Management

Web-based Configuration, SNMP and Command Line Interface (CLI). Multi-site management via TCC KEYNET GNS<sup>2</sup> secure management application.

## Standards Supported

ARP, TCP/IP, UDP, ICMP, DHCP, HTTP, RADIUS, IPSec (IPESP, IPAH), MD5, SHA-1, PKI, DES, Triple-DES, IKE(ISAKMP), X.509v3 and SNMP.

## Interface

Three 10 Base-T Ethernet ports: (Trusted, Untrusted and DMZ).

## Software Upgrades

Via Web Browser or FTP Server.

## Power

Universal power supply: 100-240VAC (autosensing), power consumption: 20 watts.

## Dimensions

10.8" (L), 17.5" (W), 2.06" (H), Weight: 8 lbs.  
19" rack-mountable

## Certification

FCC, UL, CE & CUL, IEC, ICSA

## Environmental

Temperature: 40-105°F, 5-40°C,  
Humidity: 5-90%, non-condensing.



## Quality

As an ISO 9001 certified company, TCC designs, manufactures and supports high-grade secure communications systems that protect highly sensitive information transmitted over a wide range of data, voice and fax networks. Over 2,000 government/military agencies, financial institutions, telecom carriers and other multinational

TCC secures mission critical networks for governments, corporations and financial institutions around the world. With over 39 years of experience, TCC is the trusted supplier for organizations that place a high value on the confidentiality of their data and voice communications.

CipherONE is a trademark of TCC. NetScreen is a trademark of NetScreen Technologies, Inc. Other brand and product names may be trademarks or registered trademarks of their respective owners.

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