

TCC NS - 5

VPN
Security
for
Mission-Critical
Networks



TCC's Network Security
Family of Products

10 Mbps VPN, Firewall & Traffic Shaping

Network Security Solution

The TCC NS-5, powered by NetScreen™, is a network security appliance that integrates virtual private networking (VPN), firewall and traffic shaping functionality. This device is a compact desktop platform that provides a complete network security solution for connecting an Ethernet local area network (LAN) or standalone desktop computer to the Internet.

The TCC NS-5 belongs to a suite of integrated network security solutions that have been optimized for performance and ease-of-use in a full range of mission-critical applications.

Virtual Private Network (VPN)

A VPN allows remote offices access to the internal LAN in a totally encrypted environment.

The TCC NS-5 provides an integrated VPN solution to extend the Intranet, or Extranet, security over public networks to

remote and branch offices, providing consistent LAN-to-LAN security across the network.

Firewall Protection

The TCC NS-5 provides a secure firewall solution for protecting a single user or a small local area network (LAN) from the outside in a single dedicated hardware device. The firewall can screen TCP/IP packets and deny or grant access based on criteria such as IP address and TCP/IP protocol. It's custom-built ASICs process firewall access policies and encryption algorithms in hardware, making it significantly higher in performance than a software-only solution.

Traffic Shaping

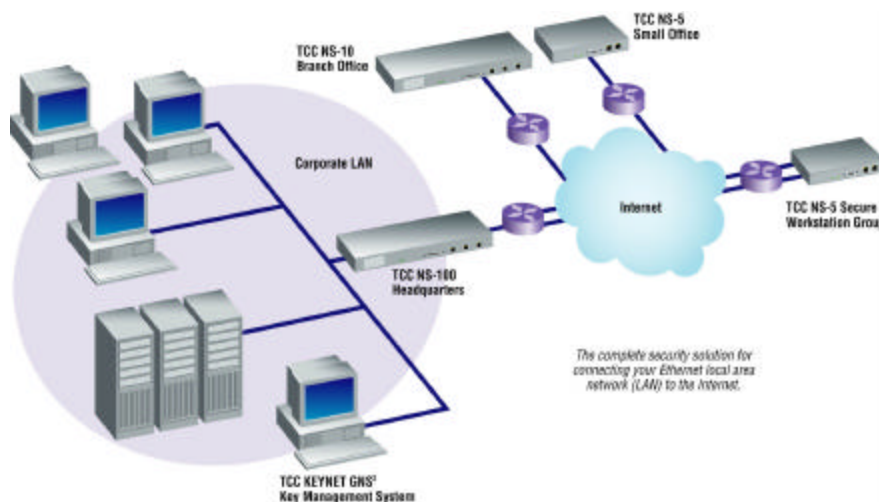
Traffic Shaping allows an administrator to monitor, analyze and allocate bandwidth utilized by various types of network traffic in real time. Applications and users can be prioritized using IP address or other criteria for providing different levels of service.



Features

- > Complete VPN security solution
- > Fully IPSEC compliant
- > 10 Mbps performance
- > 168-bit Triple DES encryption
- > Advanced firewall protection
- > Traffic shaping
- > Easy to install and operate
- > Unlimited users
- > Up to 10 VPN tunnels
- > Up to 1,000 firewall policies
- > Up to 1,000 concurrent sessions
- > Centralized monitoring and management

Virtual Private Network



global network security system

TCC NS-5

specifications

network
security
solution
for mission-critical
virtual private networks

Specifications:

Transparency and Easy Deployment

The TCC NS-5 can be placed anywhere in a 10Base-T LAN, on a WAN, or as a standalone with a PC. Support for IP ensures that the TCC NS-5 operates transparently with the broadest range of Intranet devices and other network applications.

The TCC NS-5 features a simple, web browser interface for easy installation by non-security experts.

Centralized Management

The TCC NS-5 can be easily and securely managed, individually, through a Web Browser or Command Line Interface (CLI), or it can be managed centrally with KEYNET GNS².

TCC KEYNET GNS² is a key and device management application for network administrators responsible for multiple CipherONE devices. It provides centralized, concurrent configuration, monitoring and management of up to 1,000 devices, including real time monitoring, logging and alarming.

VPN

10 concurrent VPN tunnels, IPSec standard security, Triple-DES encryption, manual and automated IKE (ISAKMP) key exchange, MD5, SHA-1 authentication and PKI.

Firewall

Network address translation (NAT), transparent mode, stateful inspection, real time alarming and logging.

Traffic Shaping

Guaranteed bandwidth, maximum bandwidth and traffic prioritization.

DHCP Server and Client

Dynamic IP address assignment by DHCP server or request for IP address by client for class C network.

System Management

Web Browser, SNMP, Telnet, TFTP, Command Line Interface (CLI) and via TCC KEYNET GNS² secure centralized management application.

Numbers of Users

The TCC NS-5 comes in two versions: one is limited to 10 users and the other is the TCC NS-5 Elite that Features unlimited users.

Standards Supported

ARP, TCP/IP, UDP, ICMP, DHCP (server and client), HTTP, RADIUS, IPSec (IPESP, IPAH), MD5, SHA-1, PKI, DES, Triple-DES, IKE (ISAKMP), TFTP (client), SNMP and NTP.

Interface

Two 10 Base-T Ethernet ports: (Trusted, Untrusted) RS-232 diagnostics port.

Software Upgrades

Via Web Browser or FTP server.

Power

Universal power supply: 100-250VAC, 47-63HZ, power consumption: 7.5 watts.

Dimensions

5" (L), x 6.2" (W), x 2.1" (H), Weight: 1 lb.

Certification

FCC, UL, CE, CUL and ICESA.

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 corporations worldwide rely on TCC to protect their communications networks.

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.
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