NetVanta 2100

Small Office VPN Gateway and Firewall

Product Features

- Standards-based IPSec VPN tunneling with DES/3DES/AES encryption
- Internet Key Exchange (IKE) for user authentication
- Stateful inspection firewall for network security
- Unlimited users and up to 10 private tunnels
- Built-in IP router
- Network Address Translation for IP address concealing
- Web-based and CLI remote management
- 10/100BaseT Ethernet interfaces for flexible connectivity
- Logging and alerts
- Industry-leading 5 year warranty

VPNC CERTIFIED

RSA SECURED

The ADTRAN NetVanta™ 2100 is a small office VPN/Firewall gateway providing all the necessary components required to secure an integrated VPN solution. Used primarily for remote access, the NetVanta 2100 is perfect for the small remote office needing to have a secure connection back to corporate resources. Based on the ADTRAN Operating System (OS), the NetVanta 2100 provide key security and data protection features such as IPSec VPN tunneling, stateful inspection firewall, IP routing, Network Address Translation (NAT), and even a DHCP server.

Security: On a public infrastructure like the Internet, security is of the utmost importance. The NetVanta 2100 employs a stateful inspection firewall that protects an organization's network from common Denial of Service attacks including TCP synflooding, IP spoofing, ICMP redirect, ping-of-death, and IP reassembly problems.

VPN Tunneling: The NetVanta 2100 is IPSec-compliant device that provides secure communications over potentially unsecure networks. As a security gateway, the NetVanta 2100 supports up to 10 simultaneous VPN tunnels and unlimited users on the LAN, while supporting encryption algorithms like DES, 3DES, and AES. In addition, these devices support IKE (Internet Key Exchange) and X.509 digital certificates for user authentication.

Management: The NetVanta 2100 can be remotely configured and managed with either a secure web-based graphical interface, or since they are based on the ADTRAN OS, a familiar Command Line Interface (CLI). Either way, configuration files can be saved and downloaded to expedite reconfiguration or as a backup. To administer user accounts, the NetVanta 2100 utilizes XAUTH using RADIUS and RSA SecurID to manage administration account lists. In addition, these devices offer built-in alert and logging mechanisms to warn administrators about activities that are going on in the network.

Interoperability: The NetVanta 2100 offers guaranteed interoperability with ADTRAN's complete line of NetVanta 2000 and 3000 Series of VPN supported devices. The NetVanta 2000 Series includes the NetVanta 2050 and 2054 as a VPN/Firewall appliances for the home office, the NetVanta 2300 for branch offices or as a mid-size host, NetVanta 2400 for larger corporate host applications, and the software implemented NetVanta VPN Client. The NetVanta 3000 Series of secure access routers include the NetVanta 3200 and 3205 for single-T1 needs and the NetVanta 3305 for dual-T1 applications. Together the NetVanta series offers the most robust features and functions to address a wide range of enterprise VPN/Security needs.

ADTRAN®

ADTRAN is a
ISO 9001 registered company.

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TL 9000 registered company.

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Product Specifications

Physical Interface
- **Public:** RJ-45 10/100 Auto-Sensing Ethernet interface
- **Private:** RJ-45 10/100BaseT Ethernet interface
- **Serial Port:** RS-232 for off-net configuration

Virtual Private Network (VPN)
Hash Algorithms
- MD5-HMAC 128-bit authentication algorithm
- SHA1-HMAC 160-bit authentication algorithm

Encryption
- DES-CBC (56-bit)
- 3DES-CBC (168-bit)
- AES- (128-bit, 192-bit, 256-bit)

Diffie Hellman Group Support
- Group 1: MODP 768
- Group 2: MODP 1024
- Group 5: MODP 1536
- Group 7: For AES

Authentication Mechanisms
- Preshared keys
- X.509 Certificate Support: RSA Signatures, DSS Signatures

Key Management
- IKE (ISAKMP/Oakley)

IPSec Mode
- Tunnel

IKE
- Modes: Main, Aggressive, and Perfect Forward Secrecy
- XAUTH
- Mode Config

Firewall
- Stateful inspection firewall
- Denial of Service (DoS)

Diagnostics
Front Panel Status LEDs
- Power – status
- VPN – status, transmit, receive
- Private – transmit, receive
- Public – transmit, receive

Routing
- IP
- OSPF, RIP, and Static Routes
- Quality of Service (QoS) with DiffServ-aware Weighted Fair Queuing
- VLAN Trunking (8.201Q)

Network Address Translation
- Basic NAT (1:1)
- NAPT (Many:1)
- Reverse NAT (translation of an inbound session's destination IP address)
- Application Level Gateways for FTP, HTTP, POP3, H.323 and others

Administration
- Command Line Interface (CLI)
- Web-based grahical interface
- SYSLOG logging in WELF format
- Email alerts (SMTP)
DHCP
- Server (to manage IP addresses on local network)
- Client (to acquire IP address from service provider)
- MAC Address Masquerading
PPPoE
- Client (to acquire address from service provider)

Environment
Operating Temperature
- 0° to 50°C (32° to 122°F)
Storage Temperature
- -20° to 70°C (-4° to 158°F)
Relative Humidity
- Up to 95%, non-condensing

Physical
Size
- 1.625" H, 7.5" W, 5.437" D
Weight
- 2 lbs. (shipping weight)
Power
- 12 VDC Power
- 4 W

Agency Approvals
- FCC Part 15 (Class B)
- UL and Canadian UL (CUL), IEC/EN, CSA, CE Mark

Product Includes
- 12 VDC locking power supply
- 6 ft. crossover Ethernet cable
- User manual
- Quick start guide

Ordering Information

Equipment	Part #
NetVanta 2100	1202361L2