

VPN Gateway – BigBouncer®



- Flexible and scalable network design
- Easy installation in existing network environment
- Support rule-based access control
- Capability to switch between multiple VPN gateways
- Global Policy Management allows remote management and eliminates onsite IT staff for software upgrade

Model

- BigBouncer 85
- BigBouncer 455
- BigBouncer 1000

User Identification and Authentication

- X.509 certificates
- Radius (XAUTH)
- RSA SecurID (XAUTH)
- PKCS12
- 2-factor PKCS11 token authentication (smartcard and USB token)
- Encentuate TAL

IKE Features

- Preshared keys
- RSA digital signature
- RSA revised mode encryption
- DES, 3DES, AES
- HMAC-MD5, HMAC-SHA1, HMAC-SHA2
- Diffie-Hellman (Up to 4096-bits)
- Quick, Main, and Aggressive mode
- Perfect Forward Secrecy
- Anti-replay

Security Management

- Audit logging
- SNMP remote monitoring
- Syslog

High Availability Features

- Failover (Passive-to-active)
- Load balancing (Active-to-active)
- Redundant gateways

Network Functionalities

- Remote DHCP
- Remote DNS
- NAT Traversal
- Build-in Network Diagnostics
- Network/Port Address Translation
- Stateful Inspection Firewall
- IPSec Policy Controlled NAT

Performance

- VPN Throughput
 - BigBouncer 85: 15Mbps
 - BigBouncer 455: 75Mbps
 - BigBouncer 1000: 200Mbps
- Firewall
 - BigBouncer 85: Up to 95Mbps
 - BigBouncer 455: Up to 95 Mbps
 - BigBouncer 1000: Up to 900Mbps

IPSec Modes

- Encapsulation Mode
 - Tunnel
 - Transport
- Encapsulated Security Payload (ESP)
 - Encryption Algorithms
 - 56-bits DES
 - 168-bits 3DES
 - SAFER SK-128
 - 128/192/256-bits AES
 - Hash Algorithms
 - HMAC-MD5
 - HMAC-SHA1
 - HMAC-SHA2 (256/384/512-bits)
- Authentication Header (AH)
 - Hash Algorithms
 - HMAC-MD5
 - HMAC-SHA1
 - HMAC-SHA2 (256/384/512-bits)

NetProtect® Client / NetProtect Mobile

- Supported operating systems
 - Windows® XP (up to SP2), 2000 Professional, 98SE, Windows Mobile 2003
- Double Tunneling
- Tunnel Operation Modes
- Multiple Profiles/Connections
- Redundant Gateways
- Gateway Failure Detection
- Encrypted Keepalives with VPN Gateway

Global Policy Management (Optional)

- Automatic Client Software Update
- Centralized Management of VPN Security Policies
- Automatic VPN Security Policy Distribution to Client
- User Account and Certificate Management

Technical Specifications	
Dimension	BigBouncer 85: 1U, standard 19-inch rack mountable BigBouncer 455: 1U, standard 19-inch rack mountable BigBouncer 1000: 2U, standard 19-inch rack mountable
Network Ports	BigBouncer 85: Two Fast Ethernet NIC (10/100MB Auto-sensing) BigBouncer 455: Two Fast Ethernet NIC (10/100MB Auto-sensing) BigBouncer 1000: Two Gigabit NIC (10/100/1000MB Auto-sensing)
Administration Ports	Fast Ethernet NIC (10/100MB Auto-sensing)
Electrical	BigBouncer 85: 115-250VAC @ 50/60 Hz, auto-ranging BigBouncer 455: 115-250VAC @ 50/60 Hz, auto-ranging BigBouncer 1000: 100-240VAC @ 50/60 Hz, auto-ranging Dual power supply for redundancy
Environmental	Operating temperature: 0°C to 50°C Humidity: Up to 93%

Possible configuration

