



(Sample image only)

## VPN/Firewall Solutions

### Secure Disk-On-Module

The PowerWallz Secure Disk-On-Module (DOM) is a unique and flexible solution that anyone can use to convert an existing computer into a secure VPN/Firewall appliance. Unlike software-only solutions, the secure DOM does not require an existing operating system or even a hard disk drive to operate.

Converting your computer into a security appliance can be done in 2 or 3 easy steps: Plug the Secure DOM into the primary IDE connector on the motherboard, power on the computer, and if necessary, configure your computer to recognize the Secure DOM (this step is not required on newer computers). As soon as the computer has powered up and the software has been loaded, your new security appliance can be accessed and configured using the appropriate administrative interface.

### Benefits

- > Using the PowerWallz Secure DOM allows you to utilize older computer equipment that would otherwise be obsolete (for example, older Pentium-based computers). These can now be converted into security appliances powered by PowerWallz technology.
- > The Secure DOM is extremely reliable as it utilizes solid state technology. Unlike a hard disk drive, it does not have any moving parts and runs much cooler.
- > The performance of your security appliance can be completely customized as it is based on hardware that you select to install the Secure DOM into. If you need better performance, simply install the Secure DOM into a more powerful computer.
- > There is greater security than with traditional software-only solutions. As there is no access to the software other than through the administrative/management interface, there is no risk of someone accessing the software directly.
- > You can upgrade or change your computer hardware without having to purchase a new appliance or new software license. The Secure DOM can simply be moved from the old hardware to the new hardware.
- > This is a much more cost effective solution than hardware-only or software-only solutions. The Secure DOM provides powerful features and security at a lower cost than most appliance solutions. As well, it is easier to install and deploy than software-only solutions, thereby reducing the cost in time to implement a solution.
- > The Secure DOM is available with either our Java-based or our web-based technology. Different versions are available based on the number of concurrent VPN tunnels required.
- > Customized OEM solutions are available.

### Key Features

#### Total Security

*The PowerWallz Secure Disk-On-Module uses the same state-of-the-art, hardened, stateful packet inspection firewall technologies as the appliance products.*

#### Simple Deployment

*Very easy to install and deploy. Plug the Secure DOM into your IDE connector on the motherboard and power on the computer. Use the administrative interface to begin configuring your new security appliance.*

#### Robust

*With no moving parts, the Secure DOM is very reliable.*

#### Flexible VPN Solutions

*PowerWallz' VPN technology provides a fast, easy and flexible way to set up VPNs. Remote office VPNs have never been quicker or easier to deploy. With support for industry standards such as IPSec and PPTP and authentication methods ranging from username/password to X.509 Certificates, the PowerWallz Secure DOM can be easily tailored for your specific needs.*

#### Unparalleled Support

*Our unique support programs offer flexible, world-class support for all our products and security solutions.*

#### Commitment to Quality

*We stand behind our products with a total commitment to service, quality and support.*

### V-DOM Technical Specifications

Routing Protocols	TCP, UDP, ICMP, IP and Programmable Static Routes
NAT	Many to One, One to One and Port Forwarding (PAT)
IP Alias	Multiple IP Addresses supported on WAN port
DHCP	Server, Client, Relay/Pass-through and PPPoE
Security Features	Stateful Inspection, NAT, Access Control, Port Redirection, IP Address Blocking Time-Based Policies, and Anti-Spam E-mail Filtering
Management Features	Downloadable Updates, Reset to Default, Backup/Restore Configuration, SNMP Monitoring, Multi-level Administration, Logging, Network Time Synchronization, Web-based Management Web-based System Updates, Automatic Update Notification, Reporting and Usage Statistics
VPN	vpnNOW — easy configuration for VPNs and interoperability with IKE, RSA Key, Passphrase, X.509 Certificates, Site-to-Site, Multiple Tunnel Support, PPTP Passthru, Multiple PPTP Passthru, PPTP Server (mobile users) and PPTP User Administration

### V-DOM Hardware Requirements

CPU	200MHz Pentium (350MHz or faster recommended)
RAM	32MB (64MB or more recommended)
Network Cards	Minimum of 2 x 10Mbps or 100Mbps cards (maximum 3) Most modern PCI-based NICs are supported

### X-DOM Technical Specifications

Routing Protocols	TCP, UDP, ICMP, IP, RIPv1 and RIPv2
Firewall Features	Network Address Translation and Multiple NAT (unlimited), Packet Filtering, Denial of Service Protection, Stateful Inspection, Access Control, IP Address Blocking, Attack Alert and Logging, Transparent Stealth Mode, PPTP and IPsec Virtual Private Networks (VPN)
IP Management	DHCP client/server pass-through, PPP over Ethernet (PPPoE), Multiple IP Addresses (unlimited), Port Redirection, Static Route support, IP Alias
DHCP	Server, Client, Relay/Pass-through and PPPoE
Security Features	Stateful Inspection, NAT, Access Control, Port Redirection, IP Address Blocking, Time-Based Policies and Transparent Stealth Mode
Management Features	Downloadable Updates, Reset to Default, Backup/Restore Configuration, SNMP Monitoring, Administrative User Management, Logging, Network Time Synchronization, Reporting, Reusable Object Definitions and Drag and Drop Configuration
VPN	VPN interoperability with IKE, RSA Key, Passphrase, X.509 Certificates, Site-to-Site, Multiple Tunnel Support, PPTP Passthru, PPTP Server (mobile users) and PPTP User Administration
Other	Secure Java Administration Client

### X-DOM Hardware Requirements

CPU	133MHz Pentium (300MHz or faster recommended)
RAM	16MB (64MB or more recommended)
Network Cards	Minimum of 2 x 10Mbps or 100Mbps cards (maximum 3) Most modern PCI-based NICs are supported

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