



Feature Summary

Nortel VPN Gateway SSL On Demand Protection (Virtual Desktop)

The problem

Enterprises have an increasing need to integrate partners, suppliers, contractors and customers into their supply chains. It is a business necessity to provide application and network access to an ever-growing number of non-employee users. In addition, employees may need to conduct their work on PCs not owned by the corporation. The challenge for network and security administrators is to enable the benefits of supply chain integration without exposing the enterprise to undue security risks. Traditionally, enterprises have addressed many of the security concerns associated with VPN access by tightly managing user PCs — by ensuring every endpoint has an approved, tested and standard software configuration. This approach is not possible for the extended enterprise, where users are connecting from PCs not owned or managed by the corporation. What are the risks of allowing access from unmanaged PCs?

- Confidential information left exposed on the endpoint (e.g., email attachments, files, etc.)
- Malware may capture credentials and confidential information
- Malware can infect files and emails, causing virus outbreaks

The requirement

Enterprises need a solution that can:

- Identify and neutralize malware before the user types in his/her credentials
- Distinguish between managed and unmanaged PCs and apply access controls and information retention policies accordingly
- Prevent unauthorized retention of confidential information, including printing and saving to a hard drive or attached storage device
- Perform all these functions without the need for any pre-installed software on the PC
- Manage policies centrally for ease and flexibility of administration

The solution

The Nortel VPN Gateway addresses these requirements with an integrated set of access control and endpoint security features:

- Support for strong authentication systems — one-time password, token, challenge response and PKI-based systems guard against loss or theft of credentials
- Fine-grained access controls enable administrators to limit end user access to precisely what the user needs in order to perform his/her job function — nothing more, nothing less
- Comprehensive and flexible Tunnel Guard host checking enables administrators to differentiate managed from unmanaged PCs and apply differentiated access controls

Security can now be further strengthened through the deployment of Nortel VPN Gateway SSL On Demand Protection (SODP), which creates a virtual desktop environment. SODP prevents confidential information from being stored on unmanaged PCs after the VPN session is ended. Since all information stored on PCs during a session is encrypted on the hard drive, files cannot be accessed even if the user is disconnected in the middle of a session. SODP can also prevent unauthorized printing or saving of information to attached storage or flash memory devices.



In addition, SODP provides signature and behavior-based malware detection to protect against keystroke loggers and screenscrapers. It also includes Connection Control which blocks access to and from untrusted networks during the VPN session.

Introducing Nortel VPN Gateway SSL On Demand Protection (Virtual Desktop)

Nortel VPN Gateway SSL On Demand Protection licenses provide a security layer that is designed to address the specific security requirements of the extended enterprise. Since SODP is integrated on the VPN Gateway and licensed on a concurrent user basis, no backend servers or per-seat licensing are required. A license for 50 concurrent users is included free with new VPN Gateway platforms.

Highlights

- On-demand security — no pre-installation needed; Java or ActivX enabled
- Small footprint for quick delivery
- Works in guest privileges
- All data is encrypted before being stored
- All data is removed at the end of a session
- Session clean-up restores system to its previous state
- Prevents printing, saving, screen shots of confidential information
- Integrated Malware Detection protects against keyloggers and screenscrapers
- Connection Control blocks access to and from untrusted networks during the VPN session



Ordering information

Order No.	Description
EB0016003	On Demand Protection 50 User License
EB0016004	On Demand Protection 100 User License
EB0016005	On Demand Protection 250 User License
EB0016006	On Demand Protection 500 User License
EB0016007	On Demand Protection 1000 User License
EB0016008	On Demand Protection 2000 User License
EB0016009	On Demand Protection 5000 User License

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