

## Trend Micro™ **ServerProtect™ for EMC Celerra and Network Appliance™ filers**

### Comprehensive Data Protection for Storage Appliances

In a networked environment, a single virus can spread quickly, because it is difficult to quarantine infected users. The more that users share files by way of servers and storage systems, the greater the risk of network damage caused by infected files. With continuous expansion of data capacity, completing the full cycle of a scheduled scan can be a time consuming task for administrators. To effectively protect file storage systems, enterprises need comprehensive, real-time scanning capabilities which can take effect as users continuously access files from storage devices on the network.

**Trend Micro™ ServerProtect™** is designed to provide network-wide, comprehensive antivirus scanning for the Network Appliance Filer and EMC Celerra lines of data storage systems. Managed through an intuitive, portable console, ServerProtect provides virus outbreak management, centralized virus scanning, virus pattern file updates, event reporting, and antivirus configuration.

#### KEY FEATURES

##### Reliable Protection and Automatic Updates

- Actively notifies administrator and end user of virus infection source
- Improves performance via load balancing multiple servers to service a single or multiple storage devices
- Allows automatic downloads and distribution of virus pattern files, scan engines, and program files

##### Centralized Management

- Enables administrators to manage antivirus software from a single console
- Allows simultaneous configuration of scanning and notification options for multiple servers
- Provides server status through a single console, including pattern file and program versions, infection status, and connection status

##### Automates Scanning to Optimize Protection

- Automates virus maintenance tasks such as configuration scanning, pattern and program file updating, compiling virus logs, and setting parameters for real-time scanning
- Breaks up scheduled scan tasks to scan high-usage directories on a different frequency than low-use directories
- Reduces resource impact by analyzing traffic and resources to create custom RTS policies for different times of the day

##### Comprehensive Log Report and Event Notifications

- Displays the antivirus history of servers in a central log file
- Provides preliminary statistics of antivirus events, exporting logs to other programs for further analysis
- Notifies pre-defined recipients of virus infections and program events
- Allows customization of multiple notification methods, including message box, pager, printer, Internet email, SNMP trap, or Windows event log

##### High Availability Architecture for Network Appliances

- Integrates tightly with Network Appliance Filers and enables multiple or single scan server virus protection for multiple filers
- Employs a Cluster Failover Filer environment to enable other servers to take over scan requests if a server goes down
- Load balancing for scan request traffic with Network Appliance™ round-robin mechanism
- Enables automatic reconnection of the RPC bi-connection between the Network Appliance Filer and ServerProtect

#### SOFTWARE

##### Protection Points

- Network Appliance filters
- EMC Celerra storage servers

##### Threat Protection

- Viruses

#### KEY BENEFITS

- Helps deliver real-time server protection against viruses, worms, and Trojan attacks
- Permits multiple ServerProtect servers to storage or network appliances, increasing scalability and availability while lowering total cost of ownership
- Helps reduce administrative costs through management of remote installation, maintenance, and upgrades from a central console
- Minimizes manual tasks by automating routine antivirus maintenance and updates
- Alerts administrators to virus outbreaks and emergencies to help reduce response time
- Provides comprehensive logs and reports to help identify dangerous activities before they become threats

“...having an integrated version of Trend Micro ServerProtect is an IT administrator's dream come true. We now get the benefits of reporting logs and real-time scanning without any major impact to system performance. This is perfect!”

##### Josh Gifford

Senior NT Administrator  
Siemens Power Transmission & Distribution

Trend Micro™ is a global leader in the overall server-based antivirus software market, with antivirus products and services designed to integrate seamlessly with leading firewalls, intrusion detection systems, and other best-of-breed solutions for a complete enterprise strategy. In addition, all Trend Micro products and services are backed by TrendLabs<sup>SM</sup>, a leading antivirus research and support center that monitors potential security threats worldwide, developing the means to identify, detect, and eliminate new viruses.

### MINIMUM SYSTEM REQUIREMENTS

EMC Celerra Storage Server
<b>Operating Systems</b>
<ul style="list-style-type: none"> <li>• Microsoft™ Windows™ 2000 with Service Pack 1 (or above)</li> </ul>
<b>Antivirus Server</b>
<ul style="list-style-type: none"> <li>• Intel Pentium™ II processor 500MHz</li> <li>• 64MB RAM; 50MB disk space</li> </ul>
<b>Information Server</b>
<ul style="list-style-type: none"> <li>• Intel Pentium™ II processor 500MHz</li> <li>• 64MB RAM; 50MB disk space</li> </ul>
<b>Management Server</b>
<ul style="list-style-type: none"> <li>• Intel Pentium II processor 500MHz or faster (or equivalent)</li> <li>• 64MB RAM; 50MB disk space</li> </ul>
<b>EMC™ Celerra™ file server</b>
<ul style="list-style-type: none"> <li>• Celerra NAS 2.2.39.1 or above</li> <li>• Celerra Antivirus Agent (CAVA) 1.89 or above</li> </ul>
Network Appliance Filers
<b>Operating Systems</b>
<ul style="list-style-type: none"> <li>• Microsoft™ Windows™ 2003</li> <li>• Microsoft™ Windows™ 2000 Server/Advanced Server with Service Pack 3 (or above)</li> </ul>
<b>Antivirus Server</b>
<ul style="list-style-type: none"> <li>• Intel Pentium™ III processor 500MHz</li> <li>• 256 MB RAM; 70 MB disk space</li> </ul>
<b>Information Server</b>
<ul style="list-style-type: none"> <li>• Intel Pentium™ III processor 500MHz</li> <li>• 256 MB RAM; 90 MB disk space</li> </ul>
<b>Management Server</b>
<ul style="list-style-type: none"> <li>• Intel Pentium II processor 500MHz or faster (or equivalent)</li> <li>• 64MB RAM; 50MB disk space</li> </ul>
<b>Network Appliance Filers</b>
<ul style="list-style-type: none"> <li>• Network Appliance™ proprietary OS Data ONTAP 6.3.1 or above</li> </ul>

### ADDITIONAL SERVERPROTECT PRODUCTS

- ServerProtect for Linux
- ServerProtect for Microsoft™ Windows™ and Novell™ NetWare™

### COMPLEMENTARY PRODUCTS AND SERVICES

- OfficeScan™ Client-Server Suite
- Trend Micro Endpoint Security Platform
- InterScan™ Messaging Security Solutions
- InterScan™ Web Security Solutions
- Trend Micro™ Premium Support Services



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