



NetSpective® M-Class

Mobile Internet Content Filtering

Protect and control your network from undesirable Internet traffic

As the Internet goes mobile, an increasing variety of content becomes available to mobile users. Today, mobile operators provide WAP, MMS and SMS services for their users and find themselves facing many of the same difficulties wired service providers do, including access to unauthorized or inappropriate Internet content. NetSpective M-Class helps mobile operators confront these challenges with filtering solutions designed for the mobile network, maximizing network capacity without interfering with legitimate revenue producing Internet traffic.

Eliminate Skype™ and Peer-2-Peer in your network

NetSpective M-Class is an intelligent signature based filtering device that maximizes a mobile operators' network performance and security by filtering unauthorized or potentially harmful traffic according to user profiles as defined by the administrator. Its filtering and operational controls are straightforward and its rack-mount configuration easily connects to your network. The web-based interface provides "at-a-glance" status updates, and NetSpective's M-Class suite of tools and applications addresses every practical aspect of Internet access control.

The industry's most intelligent filtering solution

NetSpective M-Class P2P filter gives the mobile operator the ability to customize the Internet applications running through the network. Mission critical applications and quality of service (QoS) are compromised when P2P applications are allowed to pass unchecked. The NetSpective M-Class built-in P2P filter prevents network users from accessing Skype, P2P, IM, and chat applications. Its signature based blocking technology analyzes the unique protocol signatures of all Internet traffic moving in and out of the network, safeguarding the network against rogue applications that many competitive products may allow to penetrate the network. NetSpective M-Class enables mobile operators to comply with the regulatory requirements of CALEA, E911, Sarbanes-Oxley, HIPPA, CIPA and many other government regulations.

Packet-by-packet traffic inspection (SideScan™)

SideScan™ is a firewall independent filtering technology designed to review every packet of information going out to the web (including HTTP, HTTPS, HPTP, NNTP, chat, peer-to-peer, streaming media, and Skype) and to interrupt connections to websites or file sharing applications that have been blocked. SideScan accurately filters double the bandwidth as its leading competitor.

Comprehensive and accurate content review

The NetSpective M-Class Adaptive Filtering feature automatically alerts the NetSpective Adaptive Filtering Lab to any unknown Internet content and offers live signature definition updates.

The site is subjected to both an automated and manual review process enabling categorization which is followed by an automated distribution process to NetSpective subscribers. This process ensures that all networks shielded with NetSpective are equipped with the most up-to-date information and libraries to protect from security breaches and to enable best-in-class network policies.

A complete view of your network via NetAuditor®

NetSpective M-Class also includes NetAuditor, which monitors and reports on web traffic patterns via a web-based interface. NetAuditor provides a detailed audit of non-essential bandwidth usage making it easy to identify potentially dangerous or otherwise undesirable web activity.

Carrier Grade solution

NetSpective M-Class was engineered to support telecom environments requiring NEBS-3/ETSI certified equipment. This cost effective, carrier grade solution leverages Intel™ technology which makes it a perfect fit for central offices, data centers and other demanding environments with limited space.

A solution with immediate return on investment

NetSpective M-Class creates new revenue opportunities for mobile operators as they can selectively enable and disable services, allowing them to generate revenue from unpaid applications previously undetected on the network but, running on the network.

Contact us today to learn more.

Phone: 678.589.7100

Fax: 678.589.7110

E-mail: sales@telemate.net

www.telemate.net

NetSpective® M-Class

Key Features

- SideScan filtering technology is not a point of network failure
- Monitor or block HTTP, HTTPS, NNTP, FTP, chat, peer-to-peer (P2P), Skype and streaming media protocols
- Customized modes of operation by network IP address range(s) by time of day enabling pass through, monitor / report, or block / report traffic management
- Centralized policy management for distributed network environments
- Custom policies for special user group designations, supports 512 groups
- Support for usernames in DHCP environments via NetSpective Logon Agent
- Support for Microsoft Active Directory support via LDAP
- Flexible policy exemption by IP address, username or URL
- Comprehensive web-based reporting tool, NetAuditor
 - NetAuditor documents all monitored and blocked activity

Optional

- Automated signature updates and product enhancements
- NetAuditor - Optional web-based reporting on additional manufacturers firewalls including:
 - Cisco
 - Microsoft
 - CheckPoint
 - Symantec
 - Juniper
 - Novell

Regulatory and Compliance

- Enables carrier compliance with the statute for lawful interception (CALEA)
- Enables compliance with E911 VoIP mandate, designed to aid first-responders
- Adheres to Sarbanes-Oxley Act for security and auditing requirements
- Compliant with Children's Internet Protection Act (CIPA)
- Enables compliance with the Health Insurance Portability and Accountability Act (HIPAA) for unlawful transmission of patient files

Hardware Platform:

- Carrier Grade Features

Intel® TIGPR2U is a NEBS-3 and ESTI certified server which is flame resistant and can withstand extreme heat, humidity, altitude, and zone 4 earthquake shock.

- Advanced Server Management

Intel® ISM-Te and TAM combine with the Telco Alarm Management features to provide visual, audible (optional) and SNMP event indications of faults. These features meet the rigid requirements of the telecom central office environment.

- Extended Life Cycle

Intel® TIGPR2U offers extended Life Cycle (ELC) which is comprised of longer product availability, longer warranty and spares support for an excellent customer investment protection.

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5555 Triangle Parkway, NW
Suite 150
Atlanta, GA 30092
678.589.7100 Phone
678.589.7110 Fax
sales@telemate.net