



# Netsweeper for Telecoms

## Carrier-grade, zero-latency filtering

Netsweeper helps telcos, carriers & service providers to comply with regulations and deliver value-added services, all while supporting Green IT initiatives through radically lower infrastructure and deployment costs. With Netsweeper, you can also offer parental controls, web threat management and other services across fixed and mobile connections, thereby improving customer retention and ARPU.

**Netsweeper delivers web filtering that addresses today's evolving and dynamic web usage, while helping you to ensure acceptable usage and compliance with regulation. Because Netsweeper is a software-based solution, you can control TCO and make IT greener by leveraging fewer standard Intel-based servers rather than many costly 'appliances'.**

### **Greener AND Leaner**

Netsweeper's advanced architecture allows you to filter the same volume of traffic, at a fraction of the cost in hardware and infrastructure when compared to leading appliance vendors. Fewer boxes = less power, less AC and less space needed, leading to a substantial impact for Green IT. The overall total cost of ownership for Netsweeper is also radically lower.

### **Carrier-grade solutions, Scalable to 40+ Gbps**

Netsweeper is live in deployments supporting 40+ Gbps across mixes of fixed and mobile traffic. Netsweeper is designed to cope with the rigors of telecommunications and our solutions are deployable 'out of band' so that if there ever IS a problem with filtering, it doesn't take down the network!

### **Dynamic Categorization for a Dynamic Web**

Web 2.0 web pages often contain dozens of individual URIs, all of which may have different categories of content. Our granular, URI-level dynamic categorization is what's needed to cope with today's web; this approach offers protection that is more current and relevant than systems using the outdated method of human-updated, centrally-published databases.

### **In-the-Cloud Categorization, Updated 24/7**

Netsweeper's in-the-cloud AI-powered categorization engines have categorized more than 5 billion URIs and add to this number by more than 10 million URIs every day. Netsweeper automatically scans and categorizes new URIs continuously around the clock, based on the actual usage patterns of millions of users in dozens of countries worldwide.

### **Flexible Monetization Options**

Netsweeper offers a range of options to monetize your investment in web filtering. Value-added services, advertising and other revenue opportunities emerge for telcos using Netsweeper's filtering solutions.

## Netsweeper Features, Capabilities and Specifications

### CATEGORIZATION/FILTERING

- No latency for approved traffic
- Over 50 predefined categories
- Granular, URI-based filtering
- Configurable custom categories
- Dynamic categorization of new URIs
- Updated continuously, 24/7/365
- A 'learning' local cache
- Filtering for HTTP and HTTPS/SSL
- Detect & block anonymous proxies
- IM & P2P blocking
- Malware, phishing & virus blocking
- Local allow/deny lists
- Whitelist/blacklist filtering
- Application/protocol blocking
- IWF list filtering
- Wildcard support

### POLICY MANGEMENT

- Policies by user, group, site, IP, etc.
- Time of day policies
- 'Safe Search' enforcement
- Keyword enforcement
- Default & guest filtering policies
- Minimum filtering policy options
- Bypass/override options (w. tracking)
- Standard and custom block pages
- Thresholds & "ban/lock out" options
- eSafety "warning messages"

### ADMINISTRATION/REPORTING

- Comprehensive Web Admin
- Secure Remote Administration
- Delegation of Admin powers
- Detailed usage & traffic logging
- Standard and custom reports
- Exportable/integratable reports
- Realtime and historical reports
- SNMP support
- URL Alerts (submit for human review)

### DEPLOYMENT OPTIONS

- DPI Integration
- Network TAP/Bridge
- Port mirroring
- Squid Proxy
- ISA Server
- Cisco/Sandvine/Procera integration
- Client Filter (Windows/Mac)
- Web API available for integrations

### SCALABILITY

- Deployed in 40+ Gbps environments
- Customers with over 1 million users
- Supports billions of hits per day
- Multiple language support

### DIRECTORY INTEGRATIONS

- Integration to LDAP, Radius, AD
- Transparent authentication options

### SYSTEM REQUIREMENTS

- Minimum recommended:  
2GHz processor, 3GB RAM, 250GB HD
- 1 or more Network Interfaces  
(system requirements vary widely based on traffic volume and deployment model; Netsweeper supports multiple-server deployments for scalability and redundancy)
- Virtualized deployment options

### COMPLIANCE & ACCREDITATION

- CIPA compliance
- BECTA accredited
- IWF Associate vendor

Netsweeper is on the web at [www.netsweeper.com](http://www.netsweeper.com) and can be reached at any of our global offices.

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