



Celestix MSA

Unified threat management

Features

- Simplifies the complexity of web security
- Network and application firewall
- Internet access protection (proxy)
- IPSec VPN gateway
- HTTP and HTTPS inspection
- Supports Windows Server 2008 (x64)
- Web anti-virus and anti-malware
- URL filtering (optional)
- Email anti-malware and anti-spam
- Network intrusion prevention
- HTTPs Inspection
- ISP redundancy
- Enhanced UI, management, reporting
- Includes OS license and TMG 2010 processor license

Celestix MSA delivers multiple layers of network security through Microsoft Forefront® Threat Management Gateway (TMG) 2010. MSA enables organizations of all sizes to safely use the internet by providing continuously updated protection for the network edge, the web gateway, and email through Exchange. It is a comprehensive solution that will reduce exposure to web-based threats, increase productivity, and improve any organization's overall security posture.

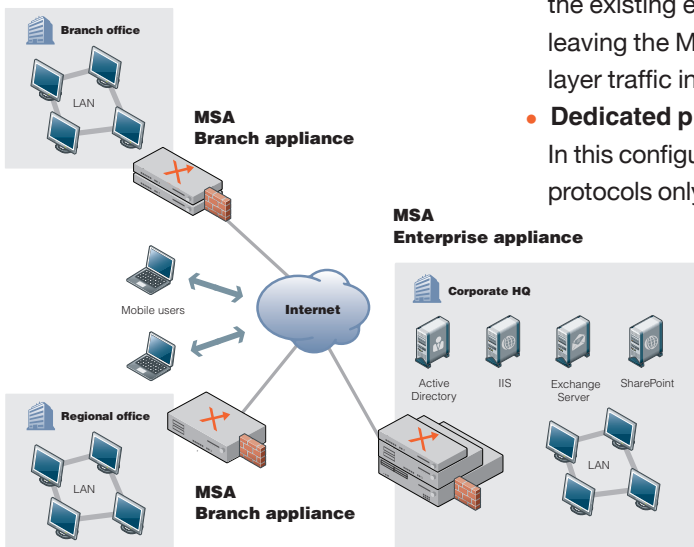
Unified threat management

| Network edge protection | Secure web gateway | Email protection for Exchange |
|--|--|--|
| <ul style="list-style-type: none"> • Enterprise class firewall • Application-layer inspection • VPN • Intrusion detection/prevention | <ul style="list-style-type: none"> • URL filtering • Web anti-virus/malware • Proxy (forward/reverse) • Content cache • Network Inspection System (NIS) • HTTPS inspection | <ul style="list-style-type: none"> • Anti-malware • Anti-spam • Anti-phishing |

Deployment scenarios

MSA has multiple network interfaces in addition to a flexible networking model that allows it to be deployed in diverse scenarios, including:

- **UTM gateway** – MSA can be deployed as a UTM solution providing enterprise class network edge protection, secure web gateway access and email protection for Exchange, all in a single appliance.
- **Back-end firewall** – MSA can complement any existing edge security solution such as Cisco, Juniper, Checkpoint, and others. When deployed as a back-end firewall, the existing edge security device handles the low level traffic filtering responsibilities leaving the MSA dedicated to perform authentication and conduct deep application-layer traffic inspection, providing an advanced level of web protection.
- **Dedicated proxy** – MSA can be configured as a standalone dedicated proxy server. In this configuration, the system is limited to providing proxy services for web-based protocols only. It can function as a transparent or explicit proxy.



Comprehensive protection against web-based threats, integrated into a unified gateway solution

MSA product details

Firewall protection

- Multi-layer firewall
- Application-layer filtering
- Granular HTTP controls
- DoS protection
- Extensive protocol support

Application security

- Highly secure email access from Outlook client
- Single sign-on
- Delegation of basic authentication
- Link translation to internal servers
- SSL bridging support

TMG 2010 license editions

- Workgroup
- Branch
- Standard
- Enterprise

Remote access

- Site-to-site and remote access VPN
- VPN traffic inspection, and quarantine
- Secure NAT for VPN clients
- Publish VPN servers
- DirectAccess
- NAP integration

Networking and performance

- Leverages network load balancing to provide fail over and scaling of performance
- Network-based configuration
- Caching
- Background Intelligent Transfer Service (BITS) caching
- HTTP compression

Administration

- Celestix COMET management console
- Web UI and wizards
- Enterprise policy that can be assigned to gateways, arrays, or enterprise-wide
- Real-time monitoring and reporting
- Query building
- Report creation and publishing
- External logging
- Delegated permissions

Advanced features

- Windows Server 64-bit support
- Enhanced Voice over IP (VoIP) support
- Enhanced Network Address Translation (NAT)
- Network Inspection System (NIS)
- ISP redundancy

Available models



| | MSA 1500 | MSA 3200 | MSA 4200 | MSA 5200 | MSA 6200 | MSA 8200 |
|----------------------------|---|---|---|---|---|---|
| Recommended users* | up to 200 | 201–500 | 501–1000 | 1001–2500 | 2501–6000 | 6001–10000 |
| Microsoft TMG 2010 edition | Workgroup edition | Workgroup edition Branch edition | Workgroup edition Branch edition | Standard edition Enterprise edition | Standard edition Branch edition Enterprise edition | Enterprise edition |
| Form factor | 1U | 1U | 1U | 1U | 1U | 2U |
| CPU | Intel Celeron | Intel Core 2 duo | Intel Core 2 duo | Quad Core Intel Xeon | Intel i7 | 2 x Quad Core Intel Xeon Nehelam |
| Number of processors | 2 Cores | 2 Cores | 2 Cores | 4 Cores | 4 Cores | 8 Cores |
| Memory | 2 GB | 4 GB | 4 GB | 8 GB | 8 GB | 12 GB |
| L2 cache | 512 KB | 3 MB | 6 MB | 6 MB | 6 MB | 2 x 12 MB |
| Front side bus | 800 MHz | 1066 MHz | 1333 MHz | 1333 MHz | 1333 MHz | Quick path |
| Hard drive | SATA-II 300 GB available storage 1 x 320 GB hard drive | SATA-II 300 GB available storage 1 x 320 GB hard drive | SATA-II 100 GB available storage 2 x 160 GB hard drive | SATA-II 300 GB available storage 1 x 320 GB hard drive | SATA-II 120 GB available storage 2 x 160 GB hot-swappable hard drive | SATA-II 300 GB available storage 4 x 160 GB hot-swappable hard drive |
| Hot-swappable fans | – | – | – | – | – | ■ |
| Power supply | 220W | 220W | 220W | 300W | Redundant hot-swappable power supply 2 x 250W | Redundant hot-swappable power supply 2 x 500W |
| Disk mirror RAID | – | – | RAID 1 (software) | – | RAID 1 | RAID 5EE |
| Gigabit ethernet ports | 6 | 6 | 6 | 6 | 6 | 8 |
| Dimensions | 1.75" x 16.9" x 12.25" | 1.75" x 16.9" x 12.25" | 1.75" x 16.9" x 12.25" | 1.75" x 17.5" x 12.25" | 1.75" x 17.3" x 14.5" | 3.5" x 17.4" x 26" |

■ Standard with base unit – Not available

* Performance guidelines only. Actual performance may vary depending upon networking and application environment

** MSA includes Microsoft TMG 2010 licensing. For more information about licencing versions visit www.celestix.com/msa

