

# celestix MSA

www.celestix.com/msa



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

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.

### Highlights

- 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

### Unified threat management

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

### 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 service for web-based protocols only. It can function as a transparent or explicit proxy.



**Features**

**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

**Models**



	MSA 3400	MSA 6400	MSA 8400
Recommended users*	up to 500	500 - 5,000	5,000 - 10,000
Microsoft TMG 2010 edition	Workgroup edition Branch edition	Branch edition Enterprise edition	Branch edition Enterprise edition
Form factor	1U	1U	2U
CPU	Intel i5	Intel E3	2 x Intel E5
Number of processors	4 Cores	4 Cores	12 cores (hyperthreading)
Memory	8 GB	16 GB	16 GB
Cache	6 MB	6 MB	15 MB
Hard drive	SATA-II 120 GB available storage	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 auto-switching universal 110/220V AC power supply	Redundant hot-swappable power supply 2 x 250W	Redundant hot-swappable power supply 2 x 500W
Disk mirror RAID	-	RAID 1	RAID 6
Gigabit ethernet ports	6	6	8
Dimensions (H x W x L)	1.75" x 17.3" x 13.0"	1.75" x 17.3" x 21.5"	3.5" x 17.4" x 23.25"

■ Standard with base unit  
- Not available

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