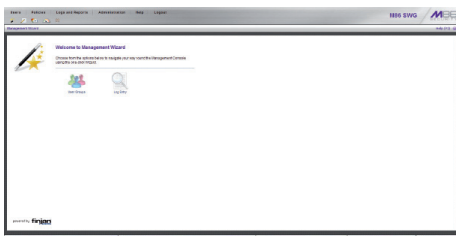# M86 Secure Web Gateway 7000

For Large Enterprises

The M86 Secure Web Gateway 7000 (M86 SWG 7000) is a high-performance, dedicated appliance that provides maximum availability and reliability in a single console, running on an IBM Blade Center platform. With the M86 Vital Web Security Suite™, it combines productivity, compliance, liability and bandwidth control, and multi-layered Web security to protect against crimeware and Web 2.0 threats. Hardware, licensing, and power consumption cost reductions, coupled with lower solution and network administration costs, enable low Total Cost of Ownership.

The M86 SWG 7000 uses patented active real-time code analysis technology that proactively prevents malicious content and data leakage over HTTP/HTTPS/FTP. Its central management and customizable dashboards simplify the administration, control and monitoring of one or more appliances operating in production. Its powerful management capabilities include master policy setting for easy administration.

Easy to deploy, the M86 SWG 7000 integrates into various network topologies and monitoring systems smoothly. Interoperability with existing network components and monitoring systems is maintained through the support of Cisco WCCPv2, ICAP, Syslog and SNMP v.3.

M86 Secure Web Gateway Management Console
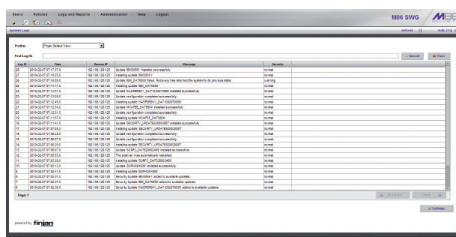
FEATURES AND BENEFITS

- **Web Security** – provides anti-malware and anti-crimeware via M86's patented active real-time code analysis technologies and optional anti-virus modules

- **Productivity, Liability and Bandwidth Control** – includes URL filtering, content caching and applications control technologies

- **Data Leakage Prevention** – inspects outbound communications for sensitive/confidential data, even when hiding in HTTPS/SSL

- **Powerful Logging and Reporting Capabilities** – provides clear visibility into an organization's Web traffic

- **Centralized Management** – reduces administration overhead, and through single point-of-provisioning, allows organizations to manage all their actions from the same Web-based console

- **HTTPS/SSL Inspection** – prevents crimeware hiding in SSL traffic (unencrypted traffic does not leave the appliance, reducing eavesdropping risks)

- **High Availability** – uses redundant, hot swappable hardware components

- **Low Total Cost of Ownership** – uses a single chassis that centrally manages all security features, saves floor space up to 50%, and lowers power consumption and hardware-related costs

- **Assistance with Regulatory Compliance** – helps enforce HIPAA, SOX (COBIT) DS5, PCI DSS 1.1., GLB Act, FISMA, etc.

technology powered by: **finjan** Vital Security®
securing your web

SECURITY

- Multi-layered web security solution:
    - Integrates M86's patented active real-time code analysis technology to prevent crimeware and malware proactively
    - Zero-hour protection (M86 Vulnerability Anti.dote™), anti-spyware and SSL inspection engines
    - Choice of fully integrated anti-virus and URL-filtering engines
- Integrated Data Leakage Prevention includes inspection of HTTP/HTTPS communication and deep analysis of various content types, such as detection of "Trojans phoning home"
- Digital Certificates Validation verifies that digitally signed code holds valid certificates
- Web 2.0 security and control:
    - Secures inbound and outbound Web 2.0 content traffic to prevent malware and data leakage
    - Enables organizations to control the use of Web 2.0 applications such as Facebook, MySpace, etc.
- Application control allows flexible rule setting by application type, including instant messaging, Skype, and P2P
- Inspected protocols: HTTP, HTTPS, FTP, and FTP over HTTP

HIGH PERFORMANCE AND AVAILABILITY

- Secure content caching for accelerated content delivery and enhanced productivity
- Robust Dual-Core server platform for enterprise-grade throughput performance
- Active/Standby Policy Server option

Hardware Performance Specificatons SWG 7000 (per blade)	
CPU	2 x Intel Xeon Quad-Core E5506 2.13GHz
Hard Disk	Up to 2x146GB SAS
Memory	4GB DDR3
Gigabit Ethernet NIC	Up to 4
Caching Kit (optional extension to the SWG 7000)	
Hard disk	73GB SAS
IBM eServer® BladeCenter™ Chassis	
Max. number of blades	14 hot swappable blade servers
Rack space (7U)	44.4 x 71.1 x 30.4 cm (WxDxH) 17.5 x 28 x 12 inches (WxDxH)
Redundancy	Hot swappable blowers and power supplies
Number of users per deployment	Up to 60,000 per chassis

MANAGEMENT

- Centralized management and dashboards for simple administration, control and monitoring of M86 Secure Web Gateway appliances
- Powerful task-based management and granular policy settings
- Policy settings wizard to easily setup and manage security policies with single-click rules refinement
- Reporting and logging provide clear visibility into the entire organization's Web traffic
- Powerful logging and tracking of Web security violations, system events and audit trail
- Multi-role management enables multiple administration groups to manage and monitor the system with different authorities
- Master policy enables policy inherency for easier administration
- SNMP support provides "just-in-time" alerts of relevant operational events using SNMP traps, as well as email alerts
- Support of transparent proxy mode
- User authentication/indentification is based on Microsoft Active Directory® or other LDAP servers, without the need for any additional software
- Secure LDAP ensures that authentication credentials are transferred securely from the directory server to the appliance
- Supports RADIUS authentication for administrators
- Customizable reports enabling the organization to evaluate productivity, compliance and security using drill-down reports and dashboards are generated by the M86 Vital Security™ Reporter
- Support of Cisco WCCPv2, ICAP, Syslog and SNMP v3 standards ensures interoperability with various network topologies and caching systems

ABOUT M86 SECURITY

M86 Security is the global expert in real-time threat protection and the industry's leading Secure Web Gateway provider. The company's appliance, software, and Software as a Service (SaaS) solutions for Web and email security protect more than 24,000 customers and over 17 million users worldwide. M86 products use patented real-time code analysis and behavior-based malware detection technologies as well as threat intelligence from M86 Security Labs to protect networks against new and advance threats, secure confidential information, and ensure regulatory compliance. The company is based in Orange, California with international headquarters in London and development centers in California, Israel, and New Zealand.

RoHS

SWG 7000 is an environmental-friendly appliance due to its power consumption savings of up to 35% compared to other rack servers. As all M86 Secure Web Gateways, SWG 7000 also complies with the EU RoHS Directive

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TRY BEFORE YOU BUY

M86 Security offers free product trials and evaluations. Simply contact us or visit **www.m86security.com/downloads**

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