Email and Web Security with Data Loss Prevention

When companies need proven protection from email and web threats, and prevention of data loss for privacy and compliance, they turn to WatchGuard XCS. These solutions provide the most comprehensive and proactive security across email and web in the industry, with consolidated visibility and control of your email and web traffic.

Next-Generation Anti-Spam Technology
- Anti-spam engine examines sender info and content, including images, attachments, and embedded URLs, and conducts contextual analysis to determine risk level.
- Reputation Enabled Defense, a key “in the cloud” component of XCS, blocks up to 98% of unwanted email at the perimeter, dramatically optimizing bandwidth.
- Signature-based anti-spam combines with knowledge-based learning technology to block spam and protect against emerging, difficult-to-detect variants.
- Spam quarantine allows end users to access and manage their quarantined messages, safe lists, and block lists via digests that are emailed to them.

Protection from Email-Borne Threats
- Zero-hour threat outbreak response delivers proactive defense against the latest threats.
- Advanced content filtering and malware prevention scans inbound and outbound email for malicious content delivered by blended threats.

Data Loss Prevention (DLP)
- Pre-defined compliance dictionaries can be used for compliance with GBL, HIPAA, PCI and more and are customizable to support efficient policy creation.
- XCS DLP Wizard further streamlines policy configuration. Then once policies are defined, the system automatically configures the XCS without any other user action required.
- Automatically block, quarantine, reroute, blind copy, encrypt, or allow messages based on policy requirements.
- Protect known confidential files from data loss and train the system on what to look for and the actions to take.

Email Encryption with XCS Securemail
- Auto-encryption ensures consistent policy application, taking the decision-making out of the hands of users. Users can also manually trigger encryption.
- Encrypted messages can be opened by any browser and on any mobile device.
- Message encryption policies can be extremely granular and, once defined, applied automatically at the gateway.
- Subscription-based, XCS Securemail does away with the need for a dedicated server, avoiding the costs associated with most encryption technology.

Protection for Web Traffic
- Extend the same powerful defenses against threats and data loss to all web traffic with a Web Security subscription.
- URL filtering provides immediate and accurate network defense against malicious and inappropriate web sites.
- In-the-cloud URL inspection analyzes every URL at the connection level to determine risk. Compromised URLs are blocked at the perimeter for faster, safer web surfing.
- Traffic enhancements include web caching, large file downloads, and streaming media support to reduce bandwidth consumption, server loads, and latency for web traffic.

Enterprise-Grade Reliability
- Fully redundant system, including message-level, logical, geographic, and hardware redundancy*.
- Patented XCS queue replication ensures no communication is ever lost.
- Dynamic on-demand clustering allows you to replicate configuration settings and messaging queues across multiple systems in minutes.

Centralized Management and Reporting
- Apply a single policy to control traffic so you spend less time defending your borders and more time focusing on higher business value IT projects.
- Provides one-click administration for customizable reports in varying file formats. Meet audit requirements with time-, feature-, and group-based reports.
- Management reporting tools provide a holistic view of web security. Includes user-based reporting and a web dashboard to monitor web usage and web threats.

WatchGuard Quarantine Management Server (QMS)
- Off-load spam & suspect email efficiently and effectively into a dedicated holding area.
- Frees email servers to process only legitimate email traffic.
- Supports multiple domains, organizations, and users.
- Available as a hardware appliance or as a free virtual appliance as part of your LiveSecurity subscription. *Hardware redundancy available on 770R, 880, and 1180 models.

Email Encryption for Privacy and Compliance
- Given the volume of sensitive data that must pass between business networks, the decision isn’t if you should encrypt confidential email messages, but how. WatchGuard XCS Securemail provides policy-driven, transparent encryption that is easy to deploy and manage. Messages can be opened by any browser and on any mobile device.

Encrypt Emails for Privacy and Compliance
- Key management is industry-leading spam protection, with huge savings in email processing overhead.

Extend Protection to Web Traffic
- Adding a Web Security subscription to your XCS appliance will extend that same powerful protection to all your web traffic as well. The cloud-based web reputation service determines the risk level of each web page to stop threats at the perimeter. URL filtering analyzes and blocks access to web sites based on pre-defined policies to reduce risks, prevent legal liabilities from inappropriate web surfing, and protect bandwidth.

Stop the Loss of Sensitive Data
- Confidential information can leave the network, accidentally or maliciously, in many ways. Email is the primary threat vector for data loss, yet web communications over popular email services such as Hotmail and Yahoo, email collaboration tools, and social networking sites like LinkedIn and Facebook have become just as common egress points for sensitive data.

The WatchGuard® XCS Story
Since 1996, WatchGuard Technologies has provided more than 600,000 security appliances to hundreds of thousands of customers worldwide. Our Extensible Content Security (XCS and XCSv) solutions offer the industry’s best defense-in-depth for email, web, and data loss prevention. With four physical appliances and four virtual editions to choose from, XCS and XCSv meet the exacting security requirements of businesses of all sizes, including solutions to protect the world’s most demanding email and web networks. XCS products are backed by LiveSecurity® Service, a high-value support and maintenance program. The WatchGuard commitment to performance and value gives our customers enterprise-grade protection in a cost-effective, extensible solution.

Eliminate Spam and Email-borne Threats

The dangers carried by spam have never been greater. Highly sophisticated email scams are luring users to web sites where malicious code awaits. Data is stolen, malware propagated, and networks infected with spyware and botnets.

WatchGuard XCS utilizes breakthrough innovations in email security to stop today’s spam threats. An “in the cloud” reputation lookup service blocks up to 98% of spam at the connection level, then the powerful anti-spam engine conducts a rigorous analysis of messages and attachments on the remaining email. The result is industry-leading spam protection, with huge savings in email processing overhead.

Effectively Define Your Relationship with the Internet
XCS solutions are rich in tools that support policy creation, management, and enforcement. The XCS DLP Wizard guides administrators through DLP configuration controls quickly and simply. Built-in compliance dictionaries streamline policy-creation to meet a wide range of regulatory mandates. Granular controls provide enhanced visibility into data leaving the network. All email and web security can be managed across protocols from one centralized management console, using one set of corporate acceptable use and compliance policies for maximum efficiency and protection.
<table>
<thead>
<tr>
<th>CHASSIS/PROCESSOR</th>
<th>XCS 280</th>
<th>XCS 580</th>
<th>XCS 770R</th>
<th>XCS 880</th>
<th>XCS 1180</th>
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<tbody>
<tr>
<td>Form Factor</td>
<td>1U Shallow, Rack-Mountable</td>
<td>1U Shallow, Rack-Mountable</td>
<td>1U Mid, Rack-Mountable</td>
<td>1U Mid, Rack-Mountable</td>
<td>2U Deep, Rack-Mountable</td>
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<td>Product Dimensions</td>
<td>11.5&quot; x 17&quot; x 1.75&quot; (29.2 x 43.2 x 4.5 cm)</td>
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<td>16&quot; x 24&quot; x 4&quot; (40.6 x 61 x 10 cm)</td>
<td>22&quot; x 27&quot; x 3.5&quot; (56 x 69 x 9 cm)</td>
<td>23&quot; x 28&quot; x 3.5&quot; (58.4 x 71 x 9 cm)</td>
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<td>Shipping Dimensions</td>
<td>18&quot; x 21&quot; x 5&quot; (45.7 x 53.3 x 12.7 cm)</td>
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<td>28&quot; x 19&quot; x 1.75&quot; (71 x 48 x 4.5 cm)</td>
<td>22.6&quot; x 17&quot; x 1.75&quot; (57.4 x 43 x 4.5 cm)</td>
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<th>CPU</th>
<th>Intel Xeon Single-Core Processor</th>
<th>Intel Xeon Quad-Core Processor</th>
<th>Intel Xeon Quad-Core Processor</th>
<th>Intel Xeon Quad-Core Processor</th>
<th>Intel Xeon Quad-Core Processor</th>
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<tr>
<td>Product Dimensions</td>
<td>Fixed, 600W, universal 100/120V</td>
<td>Fixed, 600W, universal 100/120V</td>
<td>2 redundant hot-swappable, 275W, universal 100/120V</td>
<td>2 redundant hot-plug, 350W, universal 100/120V</td>
<td>2 redundant hot-plug, 350W, universal 100/120V</td>
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<thead>
<tr>
<th>STORAGE</th>
<th>RAID</th>
<th>Memory</th>
<th>Hard Disk Drives</th>
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<tbody>
<tr>
<td>Product Dimensions</td>
<td>3 Intel Gigabit Ethernet / 1 RS-232 (DB-9) Serial Port</td>
<td>4GB (1 x 4GB) DDR3 1333MHz</td>
<td>320GB SATA-II, 7.2K RPM</td>
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<tr>
<td>Shipping Dimensions</td>
<td>320GB SATA-II, 7.2K RPM</td>
<td>4GB (2 x 2GB) DDR3 1066 MHz</td>
<td>2 x 1TB SATA, 7.2K RPM</td>
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<tr>
<td>Shipping Weight</td>
<td>320GB SATA-II, 7.2K RPM</td>
<td>6GB (2 x 4GB) DDR3 1600MHz</td>
<td>4 x 100GB SAS, 15K RPM</td>
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<tr>
<th>PORTS</th>
<th>3 Intel Gigabit Ethernet / 1 RS-232 (DB-9) Serial Port</th>
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<tr>
<td>Ethernet / Serial</td>
<td>3 Intel Gigabit Ethernet / 1 RS-232 (DB-9) Serial Port</td>
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<tr>
<th>WEB SECURITY (subscription-based)</th>
<th>Product Dimensions</th>
<th>Shipping Dimensions</th>
<th>Shipping Weight</th>
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<tbody>
<tr>
<td>URL Filtering*</td>
<td>320GB SATA-II, 7.2K RPM</td>
<td>2 x 1TB SATA, 7.2K RPM</td>
<td>320GB SATA-II, 7.2K RPM</td>
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<tr>
<td>Cloud-based Web Reputation Services*</td>
<td>320GB SATA-II, 7.2K RPM</td>
<td>2 x 1TB SATA, 7.2K RPM</td>
<td>320GB SATA-II, 7.2K RPM</td>
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<tr>
<td>Uncategorized Web-Content Filtering*</td>
<td>320GB SATA-II, 7.2K RPM</td>
<td>2 x 1TB SATA, 7.2K RPM</td>
<td>320GB SATA-II, 7.2K RPM</td>
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<td>Acceptable Web Usage*</td>
<td>320GB SATA-II, 7.2K RPM</td>
<td>2 x 1TB SATA, 7.2K RPM</td>
<td>320GB SATA-II, 7.2K RPM</td>
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<tr>
<td>Web Application Control*</td>
<td>320GB SATA-II, 7.2K RPM</td>
<td>2 x 1TB SATA, 7.2K RPM</td>
<td>320GB SATA-II, 7.2K RPM</td>
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<tr>
<td>Web Traffic Enhancements*</td>
<td>320GB SATA-II, 7.2K RPM</td>
<td>2 x 1TB SATA, 7.2K RPM</td>
<td>320GB SATA-II, 7.2K RPM</td>
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<tr>
<th>DATA LOSS PREVENTION</th>
<th>Pattern-based Content Rules</th>
<th>Encryption</th>
<th>Compliance Dictionaries</th>
<th>Objectionable-Content Filtering</th>
<th>Transparent Remediation</th>
<th>Additional Capabilities</th>
<th>Management &amp; Reporting</th>
<th>Redundancy</th>
<th>Support and Maintenance</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>TLS / Message-level encryption**</td>
<td>DLP Wizard / Outbound content and attachment scanning / outbound attachment control / document fingerprinting and data classification</td>
<td>Centralized management / archiving (third party) / in-box reporting / user-based reporting / messaging logs / customizable granular policies, including time-based web access policies and IP-based policies / customizable granular reports</td>
<td>Message-level redundancy / on-demand clustering / geographical redundancy / queue replication / hardware redundancy available on 770R, 880, and 1180 models only</td>
<td>All XCS models include LiveSecurity Plus for 24/7 technical support, hardware warranty, and software updates</td>
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*Available for all XCS models with a WatchGuard XCS Web Security Subscription.  **Available for all XCS models with a WatchGuard XCS SecureMail Email Encryption Subscription.