



MASTER CONTROL UNIT (MCU)

Unified Security Anywhere™

DATASHEET



The **Master Control Unit (MCU)**™ module of the Global DataGuard Unified Enterprise Security™ (UES) appliance suite features the unified monitoring console, threat management console, administration, configuration, tuning, reporting, ticketing/incident response service infrastructure, scan scheduler and system cluster manager. Access to the MCU is via five key authentication, and up to nine separate administrative levels are available for users

All of the modules within the UES system feature a plug and play connection to the MCU. The Master Control Unit also includes the option to provision on-demand managed services – from customized or temporary periods to full time security management.

UNIFIED ENTERPRISE SECURITY

The MCU is a fully integrated component within Global DataGuard's Unified Enterprise Security™ (UES) and Unified Enterprise Cloud Security™ (UECS) portfolio. These are the only truly unified offerings on the market today that combine the unique integration properties of a security architecture with the adaptive and predictive data sharing, tracking and analysis capabilities of a network behavior analysis and correlation engine. Global DataGuard's UES and UECS solutions provide true subsystem integration of industry-proven security applications – network behavior analysis and correlation; intrusion detection and prevention; vulnerability scanning and management; security and event log management, analysis and monitoring; network access and policy monitoring; prioritized threat management for network, global and vendor threats and vulnerabilities, and a unified service-enabled console – within a multi-layered, 21st century security architecture that spans premise-based, cloud and cloud/on-premise network environments.



MASTER CONTROL UNIT SPECIFICATIONS

MODELS	M-4000-A (Amazon EC2 License)	M-4000-V (VMware License)	M-4000-G (10/100/1000Mb)
PRIVATE CUSTOMER WEB PORTAL			
Unified administration, monitoring, ticketing, and reporting	✓	✓	✓
View alerts, forensics tools, scans, run reports in real-time	✓	✓	✓
Security Dashboard Console	✓	✓	✓
Unified monitoring console (IDS, IPS, NBA, SIEM)	✓	✓	✓
Log Management / SIEM rules and searching tools	✓	✓	✓
Tuning wizard	✓	✓	✓
Configuration and administration tools	✓	✓	✓
System Status / Cluster Manager	✓	✓	✓
Private web portal to view alerts, scans, run reports	✓	✓	✓
Scanning scheduler	✓	✓	✓
Automatic Vulnerability Signature Matching via CVE ID Number (Vulnerability Scanning Module required)	✓	✓	✓
UNIFIED REPORTS			
Day at a glance	✓	✓	✓
Daily alert summary report	✓	✓	✓
Daily outbound alerts summary report	✓	✓	✓
Daily inbound alerts summary report	✓	✓	✓
Daily Alerts by Type Report	✓	✓	✓
Highest threat attackers report	✓	✓	✓
Daily outbound web services report	✓	✓	✓
Daily inbound web services report	✓	✓	✓
Daily outbound mail report	✓	✓	✓
Daily inbound mail report	✓	✓	✓
Monthly alerts summary report	✓	✓	✓
Monthly summary report	✓	✓	✓



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UNIFIED REPORTS			
Custom daily services report	✓	✓	✓
Active login sessions report	✓	✓	✓
Ticket search report	✓	✓	✓
Vulnerability scan reports	✓	✓	✓
Sensor event summary report	✓	✓	✓
Sensor event recall report	✓	✓	✓
Sensor event status report	✓	✓	✓
Unticketed alerts report	✓	✓	✓
Highest SSV report	✓	✓	✓
Appliance access report	✓	✓	✓
tickets emailed report	✓	✓	✓
Tickets emailed report	✓	✓	✓
UNIFIED GRAPHS			
Daily packet by protocol graph	✓	✓	✓
Daily average per minute by protocol graph	✓	✓	✓
Daily sessions graph	✓	✓	✓
Daily TCP data graph	✓	✓	✓
Daily UDP data graph	✓	✓	✓
Daily ICMP data graph	✓	✓	✓
Daily IP data graph	✓	✓	✓
Daily fragmented packets graph	✓	✓	✓
Daily fouled-up-flags graph	✓	✓	✓
Total TCP services requested graph	✓	✓	✓



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UNIFIED GRAPHS			
Daily odd ICMP graph	✓	✓	✓
Outbound TCP handshake graph	✓	✓	✓
Inbound TCP handshake graph	✓	✓	✓
Custom daily statistics graph	✓	✓	✓
VULNERABILITY MANAGEMENT REPORTS (Vulnerability Scanner Module required)			
Network grid with comparative history	✓	✓	✓
Current risk spreadsheet	✓	✓	✓
Report by vulnerability	✓	✓	✓
Current risk summary	✓	✓	✓
Ignored vulnerabilities report	✓	✓	✓
Escalation report	✓	✓	✓
All current vulnerabilities report	✓	✓	✓
WEEKLY / MONTHLY REPORTS			
Summary report	✓	✓	✓
Suspicious alerts report	✓	✓	✓
High profile alerts report	✓	✓	✓
Content misuse report	✓	✓	✓
Tickets report	✓	✓	✓



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THREAT MANAGEMENT REPORTS (Security Dashboard Module required)			
Prioritized threat remediation list	✓	✓	✓
Global threats	✓	✓	✓
Network threats	✓	✓	✓
Vendor threats	✓	✓	✓
Vulnerability threats	✓	✓	✓
ON-DEMAND MANAGED SECURITY SERVICES			
7pm to 7am weekdays, weekends & holidays - or - FULL coverage 24/7/365	✓	✓	✓
Custom security alert and response procedure (SARP)	✓	✓	✓
Services include:	✓	✓	✓
Hardware/software support	✓	✓	✓
Scheduled software upgrades	✓	✓	✓
Automatic signature updates	✓	✓	✓
Automatic vulnerability scanner Global DataGuard proprietary	✓	✓	✓
Software updates	✓	✓	✓
Signature and behavioral IDS alert definition	✓	✓	✓
Answering questions about reports/graphs	✓	✓	✓
Vulnerability scan scheduler support	✓	✓	✓
Behavioral alert analysis/remediation	✓	✓	✓
Signature alert analysis/remediation	✓	✓	✓
Vulnerability analysis/remediation	✓	✓	✓
IDS/IPS/Security Dashboard tuning	✓	✓	✓
Customized alert escalation and notification procedure	✓	✓	✓



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HARDWARE SPECIFICATIONS			
Processors	1	1	(1) x Intel Xeon Quad-Core X3430
Storage configuration	1 x 50Gb**	1 x 50Gb**	2 x 500Gb (Raid-1)
Memory configuration (DDR3)	4Gb	4Gb	4Gb
Configurable ports	1	1	1
Passive / In-line configuration	Passive	Passive	Passive
Total 10/100/1000 interfaces	1	1	2
1Gb SFP interfaces (Fiber)*	n/a	n/a	n/a
10GbE CX4 interfaces	n/a	n/a	n/a
* SX transceivers are standard; LX transceivers are available as an additional option ** Virtual Appliance storage configuration requirements may differ based on the volume of data being stored.			
SYSTEM PERFORMANCE			
Maximum number of Master Control Units (MCUs) per System	1	1	1
Maximum number of Behavioral Correlation Modules (BCMs) per system (MCU)	1	10	10
Maximum number of Detection + Prevention Modules (DPMs) per system (MCU)	1	100	100
Maximum number of Security Dashboard Modules (SDMs) per system (MCU)	1	1	1
Maximum number of Vulnerability Scanner Modules (VSMs) per system (MCU)	1	10	10
Maximum number of Firewall/Syslog Modules (FSMs) per system (MCU)	1	10	10
Unlimited user licenses	Yes	Yes	Yes



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PHYSICAL			
Dimensions			Height: 1.7" (43mm) Width: 17.2" (437mm) 19.8" (Depth: 503mm) Machine Weight: 36 lbs (14.1kg) Shipping Weight: Approximately 41 lbs
Rack mountable			Yes
AC power required			AC Voltage 100-240V, 50-60Hz, 1.2-1.8 Amp
Power consumption (AVG)			350W AC
Environmental			Operating temperature: 10 to 35C (50 to 95F) Non-operating temperature: -40 to +70C (-40 to 158F) Operating relative humidity: 8% to 90% (non-condensing) Non-operating relative humidity: 5% to 95% (non-condensing)
Compliance			cUL or CSA, FCC Class A, CE, RoHS
Warranty	Standard three-year limited warranty, return to factory. Optional extended warranty and advance replacement service.		
COMMUNICATION PORTS			
MSSP monitoring / configuration	4200/TCP Encrypted	4200/TCP Encrypted	4200/TCP Encrypted
NTP communications	UDP-123	UDP-123	UDP-123
UES inter-appliance communications	9112/TCP Encrypted	9112/TCP Encrypted	9112/TCP Encrypted



Global DataGuard

www.globaldataguard.com

ABOUT GLOBAL DATAGUARD

Based in Addison, Texas, Global DataGuard is the premier provider of Unified Enterprise Security™ (UES), Unified Enterprise Cloud Security™ (UECS), and world-class managed and professional services for small/medium businesses up to large enterprise organizations. Global DataGuard's intelligent, out-of-the-box UES™ portfolio and VMware-based Cloud Guard™ for private cloud environments provide comprehensive and preemptive remediation information through a unified suite of industrial-strength applications that include packet analysis, intrusion detection and prevention, adaptive network behavior analysis and correlation, network access and policy monitoring, vulnerability scanning and management, prioritized threat management for network, global and vendor threats and vulnerabilities, security and event log management and monitoring, and a unified service-enabled console.

CONTACT GLOBAL DATAGUARD TODAY

For more information regarding our Unified Enterprise Security solutions, contact us at 972.980.1444 or visit us online at www.globaldataguard.com