SCALABLE ENTERPRISE MANAGEMENT APPLICATION (SEMA) SOFTWARE

KEY FEATURES

- Provides enterprise-wide infrastructure management including KVM switching, asset management and power monitoring

- Used with CenterLine, CenterBridge, CPI SEMA compatible Monitored and Controlled PDUs and PowerScope In-Line Meter

- Intuitive web-based interface with map-, room- and rack-level views of data centers – the graphical interface shows equipment in the RMU space it occupies in the rack

- Provides browser-based access to computers and network switches attached to the CenterLine and CenterBridge

- Stores critical information about each device in a searchable, centralized data base to track assets across your entire enterprise

- Provides temperature, humidity and per outlet (per device) power measurement and monitoring with current-usage reporting, power cycling and threshold alarms when used with SEMA-compatible, controlled CPI PDUs

- Creates current-usage reports – use the reports to identify power problems and optimize distribution of equipment
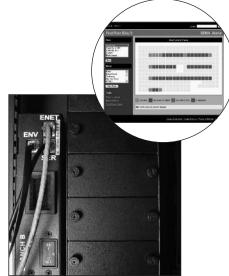
APPLICATIONS

- The Scalable Enterprise Management Application (SEMA) software provides enterprise-wide infrastructure management including KVM switching, asset management and power monitoring.

USE WITH

- CPI Cabinet Systems
- CenterLine
- CenterBridge
- SEMA-compatible CPI PDUs
- PowerScope In-Line Meter
- CenterView KVM Console

RELATED ACCESSORIES

- Electronic Locking System
- Remote Infrastructure Management (RIM-600) System

SEMA Software:

- Enterprise-wide power monitoring and control through SEMA-compatible CPI PDUs and PowerScope In-Line Meters

- Enterprise-wide KVM switching through CenterLine and CenterBridge

- An intuitive interface lets you easily click through your network – assets are organized by data center, zone and rack/cabinet

- Track power demand for the most efficient use of available power

The Scalable Enterprise Management Application (SEMA) software is an infrastructure management application with a web-based interface that allows enterprise-wide KVM switching, asset management and power monitoring and control when used with CPI's CenterLine, CenterBridge, SEMA-compatible monitored or controlled PDUs and PowerScope In-Line Meter.

Featuring a graphical display with an intuitive interface, the SEMA software provides a map view of your corporate enterprise, data centers, zones in each data center, rack/cabinet rows in each data center zone and the equipment in each rack/cabinet. The software lets you associate the CenterLine or CenterBridge KVM switch and controllable PDUs with individual racks and devices so you can measure power use by device. Link multiple PDU outlets together to easily cycle power for redundant systems and log current use by specific time intervals or when there is a specific change in current to track power use and identify power problems. Configure attributes of the KVM switches and PDUs remotely and access devices remotely using the Internet Explorer web browser, store information about each connected device in the SQL Server database, search records by specific attributes, set alarm thresholds for current, temperature and humidity and receive warning notifications by email, page or Instant Message.

SEMA supports MicroSoft Active Directory, RADIUS and LDAP-based user authentication and provides password protected access. Administrators can create user accounts with three levels of user permissions (view, configure, administrator) and assign user group permissions down to the rack-level. Access to individual devices is authenticated separately using the company's standard procedures. SEMA simply permits easy web-based access to equipment through the CenterLine or CenterBridge letting you view the device through the boot up process. The SEMA software also supports USB port sharing and includes a terminal emulation program for access to CLI devices. All connections between a user and server are secure and use AES-256 bit encryption.

The installation of SEMA software requires only one dedicated server with Microsoft Windows 2003 or 2008 per enterprise and requires access to a SQL Server with SQL Server 8.0, 2005 or Express. To activate the SEMA software a base license and activation key that includes the required number of nodes is required. Each CenterLine, CenterBridge, PDU or PowerScope connection is one node.

Contact CPI Technical Support for configuration assistance. The Technical Support Team assists customers and partners to solve IT infrastructure problems in a timely and accurate manner by understanding their requirements and creating practical and suitable CPI Solutions.

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SPECIFICATIONS

- SEMA Software CD Includes:
  - SEMA service application
  - PHP5 engine with encrypter/optimizer and built-in ext
  - GUI written in php scripts
  - Schema created with SQL scripts
- Must be used with CenterLine, CenterBridge, monitored or controlled SEMA-compatible CPI PDUs and PowerScope In-Line Meter
- Installation Requires One Dedicated Server for SEMA Software:
  - Exact server specifications must be based on the size of the enterprise, the number of users and the number of devices
  - CPU: X86 family of processors
  - RAM: 1 GB up to 64 GB
  - Hard Drive: 250 GB mirrored up to 500 TB RAID
  - NICs: (1) 10/100/1000 NIC minimum, (2) recommended
  - O/S: Microsoft Windows 2003 Server or later
  - D/B: Microsoft SQL Server 8.0, 2005 or Express
- Access to a database hosted by Microsoft SQL Server 8.0, 2005 or Express is required
- Activation requires an activation key that designates a maximum number of nodes (CenterLine/CenterBridge KVM Switches, PDUs, power meters)

ORDERING INFORMATION

SEMA Software - License, Activation Keys & Maintenance		
Part Number	**Description**	**Shipping Weight**
36000-100	SEMA Base License, 1 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-101	SEMA, 1 Node Activation Key	2 lb (0.9 kg)
36000-102	SEMA, 10 Nodes Activation Keys	2 lb (0.9 kg)
36000-103	SEMA, 50 Nodes Activation Keys	2 lb (0.9 kg)
36000-104	SEMA, 100 Nodes Activation Keys	2 lb (0.9 kg)
36000-105	SEMA, 500 Nodes Activation Keys	2 lb (0.9 kg)
36000-106	SEMA, 1000 Nodes Activation Keys	2 lb (0.9 kg)
36000-107	SEMA, Site, Activation Keys	2 lb (0.9 kg)

SEMA Software - 2 Year Maintenance & Updates		
36000-200	SEMA Base, 2 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-201	SEMA, 1 Node, 2 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-202	SEMA, 10 Nodes, 2 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-203	SEMA, 50 Nodes, 2 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-204	SEMA, 100 Nodes, 2 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-205	SEMA, 500 Nodes, 2 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-206	SEMA, 1000 Nodes, 2 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-207	SEMA, Site, 2 Year Software Maintenance & Updates	2 lb (0.9 kg)
SEMA Software - 3 Year Maintenance & Updates		
36000-300	SEMA Base, 3 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-301	SEMA, 1 Node, 3 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-302	SEMA, 10 Nodes, 3 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-303	SEMA, 50 Nodes, 3 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-304	SEMA, 100 Nodes, 3 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-305	SEMA, 500 Nodes, 3 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-306	SEMA, 1000 Nodes, 3 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-307	SEMA, Site, 3 Year Software Maintenance & Updates	2 lb (0.9 kg)
SEMA Software - 4 Year Maintenance & Updates		
36000-400	SEMA Base, 4 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-401	SEMA, 1 Node, 4 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-402	SEMA, 10 Nodes, 4 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-403	SEMA, 50 Nodes, 4 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-404	SEMA, 100 Nodes, 4 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-405	SEMA, 500 Nodes, 4 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-406	SEMA, 1000 Nodes, 4 Year Software Maintenance & Updates	2 lb (0.9 kg)
36000-407	SEMA, Site, 4 Year Software Maintenance & Updates	2 lb (0.9 kg)

Note: Order software and activation key separately.

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