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systems

CommandCenter

single point of administration for remote manage

Arula Systemsʼ CommandCenter creates a unified interface that fronts up to 1000 Arula managed console or keyboard, video, mouse (KVM) ports. The ports that CommandCenter aggregates can be provided by any Arula management appliance including SecureConsoleSSL, Cerebusx8, Cerebus x16, Cerebus x32, CerebusPCI, CerebusKVM and Dominion x1 deployed in the network. CommandCenter streamlines the use of Arula appliances and simplifies the higher level management of those appliances. CommandCenter is the ideal solution for corporate IT or service providers that have a large number of heterogeneous network devices in their data center.

CommandCenter is available two ways: as a software only version deployable on a Windows 2000 server or as a hardware appliance that is rack optimized in a 1U form factor. The CommandCenter appliance is built on the Linux platform, enabling Arula partners to create applications that extend CommandCenterʼs capabilities.

Single Point of Administration
CommandCenter manages all Arula products in your data center.

the CommandCenter advantage

CommandCenter simplifies overall management of the Arula management appliances deployed in the data center. CommandCenter does this by using only one IP address to provide access all the Arula managed devices in the network. IT managers can also group their devices into logical collections for ease of use. For example, one device in each rack may be a load balancer, with 100 such racks in the data cetner. CommandCenter enables those load balancers to be grouped together and access restricted to experts in load balancer administration.

CommandCenter also provides a single point of configuration management for all port-level management. This means all regularly scheduled tasks including network setting changes, user access updates and firmware upgrades can be handled directly from the network operations center with little impact on the network itself.

remote automated management

Remote Automated Management Solutions from Arula Systems are comprised of Cerebus family of console and KVM access appliances, the Dominion family of automated management appliances and the CommandCenter family of aggregation software and hardware. The solutions are complete, end-to-end hardware/software systems that provide IT managers with the ability to access and manage their networks securely and remotely over the Internet from a single point of administration. Arula solutions work in heterogeneous network environments and can be deployed in both small remote offices and large centralized data centers providing IT managers the ability to be everywhere in their network, without leaving the network operations center.

DATA CENTER

network devices

Cerebus x16/x32

hp server

Dominion x1

windows devices

CerebusKVM

Command Center

INTERNET

NOC

secure remote out-of-band management

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CommandCenter

FEATURES

PRODUCT FEATURES

• Ability to group target devices into logical collection for ease of administration
• Ability to define user level access rights to logical collection of devices. Administrators to bring the devices to the experts instead of vice versa
• One main Presentation Screen for all managed ports
• Provides a single point of configuration management for all port-level management solutions, including network settings, user access rights, firmware upgrades, and other global operations
• One global IP address for all managed ports
• One Access Control List (ACL) for all managed ports
• Security via SSL handshake protocol and RC4 encryption (512/1024 from CommandCenter to the client/workstation and 56 (standard)/128 (optional) from CommandCenter to the target device that is to be managed)
• Provides a single point of configuration management for all port-level management solutions, including network settings, user access rights, firmware upgrades, and other global operations.

HW & SW

HARDWARE & SOFTWARE REQUIREMENTS

Minimum Hardware Requirements
Intel-based PC (recommended)
CPU: Pentium II or higher (recommended), 400 MHz
Memory: 256 MB RAM
Hard Drive: 8 GB

Server Software Requirements
OS: MS Windows 2000 Server with Service Pack 2
Web Server: MS IIS 5.0 for Windows 2000
Database: MS SQL Server 7. 0

BROWSER

BROWSER REQUIREMENTS

Any client workstation should have one of the following browser configurations:
• Internet Explorer 5.0 w/ Microsoft JVM 5.0
• Internet Explorer 5.5 w/ Microsoft JVM 5.0
• Netscape 4.76 on Windows or Solaris

ORDER

ORDERING INFORMATION

CC3001 CommandCenter - Software Only (runs on Windows 2000)
CC3002 CommandCenter - Arula Rack Mountable Appliance (Linux server in Arula Chassis)

ABOUT ARULA SYSTEMS

Arula Systems, a spin-off of the Hewlett-Packard Company - provides easy, efficient, and cost-effective solutions for device management. Arula's products enable IT managers and service providers to securely manage any device, located anywhere, from any web browser - eliminating trips to the data center. Service levels aimed at a 'lights-out' concept can be improved by integrating Arula products in areas including enterprise data centers and networks, hosting facilities and remote locations.

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