

# SUN COBALT™ CONTROL STATION

TAKE CONTROL OF: YOUR APPLIANCES, YOUR SERVICES, YOUR BUSINESS



THE CONTROL STATION GIVES ADMINISTRATORS THE TOOLS TO DEPLOY NEW SERVICES AND MANAGE THEIR SUN COBALT SERVER APPLIANCES THROUGH AN EASY-TO-USE GRAPHICAL INTERFACE.

The Sun Cobalt Control Station allows administrators to take control of their Sun Cobalt appliances: tracking and applying software updates, deploying new services, monitoring the health and performance of server appliances. More than just a typical "systems" management device, the Control Station is a platform that will help you in the "life-cycle" management of your Sun Cobalt server appliances. As an added benefit, customers can continue to use third-party or internally developed software in conjunction with the Control Station.

## Extensible management platform

Based on the Sun Cobalt RaQ™ 4r server appliance platform with RAID capabilities, the Control Station consists of two parts: a core framework that is the engine for executing control modules, and the control modules themselves. These control modules can come from Sun Microsystems, Inc., from third-party vendors or from your own in-house design team. The Sun Cobalt Control Station ships with four pre-installed modules: Inventory Management, Performance Monitoring, Software Management and Health Monitoring.

## Take control of your time.

Your network administrators will no longer be bogged down in the tedious tasks of upgrading and patching your server appliances one by one. From one Sun Cobalt Control Station, you can control hundreds of server appliances. Other time-saving features include the volume deployment of software packages or monitoring for failure conditions before failures occur. The health monitoring module is also designed to allow administrators to monitor customized applications or scripts on managed appliances. This provides a way to monitor custom payloads on managed appliances.

## Take control of your services.

Through the Sun Cobalt Control Station, you can control the distribution of software payloads, offering customized and tailor-made services to downstream and end-user customers. Service Providers can offer unique payloads, data or software monitoring services. By leveraging the Sun Cobalt BlueLinQ technology, all available software updates and patches can be accessed and distributed to Sun Cobalt Qube™ and RaQ appliances, as designated by the administrator. Custom-built and third-party software can also be distributed. Furthermore, software packages can be "published" so that Sun BlueLinQ technology enabled clients—including other Control Stations—can view and download these packages.

## Take control of your needs.

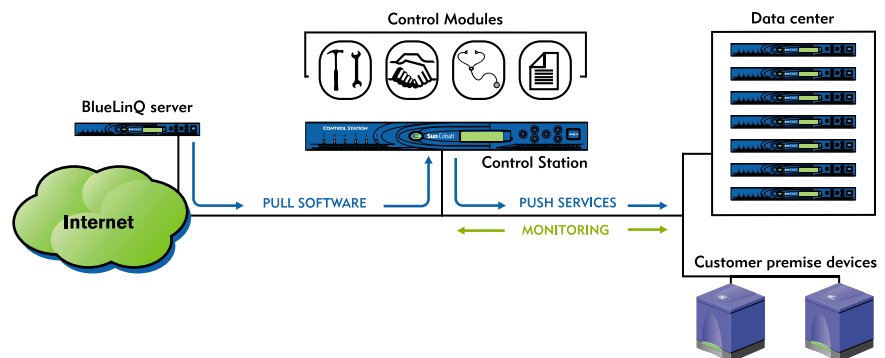
The Sun Cobalt Control Station is flexible and extensible. In addition to the modules provided by Sun, end users, integrators and partners can create their own control modules using a simple Software Development Kit (SDK). The Sun Cobalt SDK helps you to incorporate your utilities into the module architecture so that you don't lose your investment. You can use the Control Station as a multi-purpose device, running several modules such as performance monitoring and software management, or you can dedicate it to a specific function. Administrators can tailor the Sun Cobalt Control Station to their needs.

## Sun Cobalt ease-of-use

As with all other Sun Cobalt products, the Control Station comes with an intuitive Web-based user interface: the Server Desktop. All operations are performed through a Web browser window, making it simple to manage your appliances locally or remotely.



-  Build your own
-  Partner developed
-  Health monitoring
-  Software management



<p><b>Standard Features</b></p>	<ul style="list-style-type: none"> <li>• <b>Appliance Group Operations</b>—import a list of appliances in one step and collect servers into logical groupings which can be used with any of the other features.</li> <li>• <b>Inventory Management</b>—obtain a list of the hardware components on a particular server.</li> <li>• <b>Software Management</b>—keep systems current using the version-tracking feature for software patches and updates. You can also remotely deploy custom software or data.</li> <li>• <b>Local Software Repository</b>—In conjunction with Software Management, you can use the local software repository to "publish" software packages and allow the Server Administrator or end users of BlueLinQ-enabled server appliances to install available software packages as desired or needed. You can configure your Sun Cobalt Control Station to view "published" software and share software with other BlueLinQ-enabled clients.</li> <li>• <b>Health and Performance Monitoring</b>—these control modules provide system alerts and the metrics of the basic operations of the server appliances, enabling you to pinpoint potential causes of failure. These services can be used within an extranet or an intranet environment, or across the Internet.</li> <li>• <b>Software Development Kit</b>—A documented guide to creating control modules that can accommodate existing or future internally developed utilities</li> <li>• <b>Cobalt BlueLinQ Application Delivery Service</b>—The administrator is automatically informed of available system updates, patches and new applications for the Control Station server appliance.</li> </ul>	
<p><b>Supported Appliances</b></p>	<p>RaQ 2, RaQ 2 Ja, RaQ 3, RaQ 3i, RaQ 3 Ja, RaQ 4, RaQ 4i, RaQ 4i Ja, RaQ 4r, RaQ XTR, CacheRaQ 4, Qube 2, Qube 2 Ja, Qube 3, Qube 3 Ja and Qube3 multilingual.</p>	
<p><b>Hardware</b></p>	<p>450 MHz Intel compatible processor 512MB PC-100 SDRAM DIMMs (2 slots) Dual Internal Ultra ATA hard drives supported Dual 10/100 Base-T Ethernet network interfaces Dual Serial Console Interfaces Raid level 1 Disk Mirroring</p>	<p>External Ultrawide SCSI interface LCD panel for easy setup and administration PCI Slot for Expansion UPS Support USB</p>
<p><b>Software</b></p>	<p><b>Software features:</b> Linux 2.2 multitasking operating system Apache web server, HTTP/1.1-compliant CGI, Perl, PHP scripting support MySQL Server SMTP email protocol support FTP Telnet access Java Runtime Environment 128 bit SSL</p>	<p><b>System management:</b> SNMP management support Browser-based setup wizard Browser-based server management Online ActiveAssist™ real-time help ActiveMonitor maintenance agents Advanced management using telnet Browser-based backup and restore utility Browser-based software upgrade Serial port network information assignment</p>
<p><b>Physical</b></p>	<p><b>Dimensions:</b> 17 x 12.5 x 1.75 inches (43.2 x 31.8 x 4.5 cm) (fits a standard 19"-equipment rack; 1 rack-unit height) <b>Weight:</b> 11 lbs 3 oz (5.0 kg) <b>Power requirements:</b> Input rating 100-240V, 50/60Hz <b>Power consumption:</b> 50 watts max, 28 watts idle</p>	<p><b>Operating environment:</b> 32° to 95° F (0° to 35° C) 10% to 90% humidity (non-condensing) <b>Non-operating environment:</b> 14° to 122° F (-10° to 50° C) 5% to 93% humidity (non-condensing) <b>LEDs:</b> Power, Transmit/Receive, Link, Collision, 100 Mbit, Disk Activity, Web Activity</p>
<p><b>Regulatory Approvals</b></p>	<p>FCC Class B, VCCI-B, UL, C-UL, TUV, CE, Austel, BSMI/BCIO, RRL</p>	
<p><b>Ordering information</b></p>	<p><a href="http://www.cpuui.net/products/sun/howtobuy.asp">http://www.cpuui.net/products/sun/howtobuy.asp</a></p>	

**About Sun Cobalt Server Appliances**

Sun Cobalt server appliances and ASP software solution enable organizations to establish an online presence easily, cost effectively and reliably. The Sun Cobalt product lines— the Sun Cobalt Qube, Sun Cobalt Cache, Sun Cobalt RaQ, Sun Cobalt NASRaQ and ChillSoft ASP— are used by businesses, service providers and educational institutions for Internet and Web-hosting services. The Sun Cobalt solutions are delivered through a global network of distributors, value-added resellers and Internet service providers. For more info about Sun Cobalt server appliances, please visit [www.cobalt.com](http://www.cobalt.com).

**About Sun Microsystems, Inc.**

Since its inception in 1982, a singular vision - The Network Is The Computer™— has propelled Sun Microsystems, Inc. (Nasdaq: SUNW), to its position as a leading provider of industrial-strength hardware, software and services that power the Internet and allow companies worldwide to dot-com their businesses. With \$17.6 billion in annual revenues, Sun can be found in more than 170 countries and on the World Wide Web at [www.sun.com](http://www.sun.com).

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