IntelliServer®
RAS 2000RCM

**Console Management with
Out-of-Band & Remote Management Capabilities**

FEATURES:

Web Browser
Interface

Dial-in Modem
Support

Secure Shell
(ssh®) Protocol

Up to 20 Telnet
Connections

Inadvertent
'Break' Protection

Flash Upgrade
Kernel

1 Year Help Desk
Support

Computone Corporation
1060 Windward Ridge Pkwy.
Suite 100
Alpharetta, GA 30005

Phone: 1-800-241-3946
        1-770-625-0000

Fax: 1-770-625-0013

sales@computone.com
support@computone.com

www.computone.com

Why you need Out-of-Band Console Management...

In-Band Management access via the network has one inherent weakness. Communication is subject to the same problems that your network is currently experiencing.   When the network goes down or is severely disrupted, network traffic does not have a way to get between the managed device and the management workstation. Quite often when a network element goes down, it loses its network connection, which renders In-Band Management useless. This is where Out-of-Band Management is the most effective solution. Out-of-Band Management allows you to manage devices without going through the network.

How the Computone Out-of-Band Console Management Solution works...

If your system will not boot up due to hardware issues or you need to configure a new device, you have access to managed device console ports through the RAS 2000RCM using Telnet or Secure Shell (ssh®).

For remote management and diagnostics, simply attach a modem to dial directly into the RAS 2000RCM. This allows you to connect to the console port on the server.

In LAN/WAN environments, Telnet into the RAS 2000RCM to access the console. For security, ssh protocol provides 128-bit encryption for sensitive data such as changing passwords.

Both the remote and LAN/WAN Out-of-Band Console Management solutions will enable you to troubleshoot your devices without intercepting network issues.

Expand the RAS 2000RCM from 16 to 64 ports (fully configured with four boards) by simply sliding in additional expandable cards (REX-RCM). The REX-RCM expansion card addresses the break command and port lock-up issues encountered when used with Sun® servers and workstations. It lets RAS 2000RCM users select, configure and mix-and-match any combination of the original REX expansion card with the new REX-RCM card, and supports devices such as routers, switches, hubs and servers. THE REX-RCM expansion card gives RAS 2000 users increased ports, power and versatility.

Benefits of the RAS 2000RCM...

Easy to Use - Web browser interface makes the RAS 2000RCM simple to configure.

Remote Management - Save time and money by managing your network devices worldwide via the Internet or dial-in connection.

Security - Supports direct and PPP dial-in with ssh allowing a secure modem connection.

Reliable Server Management - Always have access to your network devices regardless of network issues.

Multiple Users - Up to 20 Telnet connections allows multiple users simultaneously.

High Port Density - The RAS 2000RCM has up to 64 ports in a 19" x 13" x 3U chassis for more efficient utilization of rack space.

COMPUTONE
Corporation

ARCHITECTURE

MIPS-R3000 processor
PC-100 SDRAM
Eight Megabytes of memory
Flash memory

OPERATION

Firmware: Download and/or flash upgrade
Flow Control: Xon/Xoff and/or RTS/CTS
Temp. Range: 10-40°C
Humidity: 10-90% (non-condensing)
Power: 50W, 100-250V, 50/60Hz or 48VDC power supply
Signals: RxD, TxD, RTS, CTS, DCD, DSR, RI, SG
Protection: Surge/spike protection all ports
Port Types: RS-232

RAS 2000RCM HARDWARE

Dimensions: 19" x 13" x 3U"
Connectors: 10-Base T or AUI
Port Type: 16 RS-232, 10-pin RJ45 ports
Speed: 115.2 Kbps
Modules: Maximum four (4) per node
Node: Maximum 64 ports per node

EXPANSION MODULES

Part Number: REX-RCM
Port Type: 16 RS-232, 10-pin RJ45 ports
Dimensions: 16.75" x 1.0"

FEATURES

Web Browser Interface
IservD
IntelliFeatures®:
- IntelliView® multiple sessions
- IntelliPrint transparent printing
- IntelliSet® port configuration

Security
ssh®, PAP, CHAP, RADIUS, IP filtering
Protocols
TCP/IP, SNMP, PPP, SLIP, and CSLIP, Telnet, telnetd, Reverse TCP, RSH, RARP, TFTP, BOOTP, DHCP, RIP v2

COMPLIANCE

FCC, CE, UL
3 Year Limited Hardware Warranty

PART NUMBERS

Part Number	Description
RAS2000/16RCM	16-port, communications server
RAS2000/32RCM	32-port, communications server
RAS2000/48RCM	48-port, communications server
RAS2000/64RCM	64-port, communications server
RAS2000/16RCMDC	16-port server/48V power supply
RAS2000/32RCMDC	32-port server/48V power supply
RAS2000/48RCMDC	48-port server/48V power supply
RAS2000/64RCMDC	64-port server/48V power supply
REX-RCM	16-port RS-232 expansion card