

ProHelp Millennium (SCO UnixWare 2.1)

CUSTOMER SUPPLIED MONITORING NODE COMPUTERS

Document #: 781-0035-R9, Section A DATE: January 22, 2002

Unless otherwise stated, the items listed below are required as minimums for all ProHelp Millennium monitoring node computers. However, due to rapidly changing technology and the variety of computer manufacturers, these required minimums do not guarantee that software will operate properly. Please check with Mattec for further information.

MONITORING NODE COMPUTER

- Pentium III 900 MHz or better, Name-Brand computer. Preferred computer vendors include Compaq, HP, and Gateway. May require a maximum of 2 ISA slots.
- The computer's BIOS must be able to exclude memory segments, disable internal and external caches, assign/reassign IRQs for PCI slots, and disable Plug and Play.
- An ISA, AGP, or PCI VGA video adapter, except the ATI Ultra or Diamond 3D.
- 3.5 in. 1.44 M Floppy Drive
- Minimum 10 Gig SCSI disk.
- Minimum 128 Meg of RAM. 256 Meg of RAM is preferred and recommended, especially when 6 or more interactive users are expected on the system.
- 256 K (or more) of secondary cache (L2 cache) is required.
- A 2 or 3 button Logitech or Microsoft Mouse is required. A 3 button Logitech mouse is preferred.
- At least one serial COMM port is required if using serial mouse.
- A parallel printer port is required.

Special Notes:

To utilize NetWare services (network printing) SCO UnixWare 2.1 requires Novell 3.12 – 4.xx

SCSI CONTROLLER

- The Adaptec AHA-29160N is the only SCSI controller that will be accepted.
- Other SCSI controllers may not work.

SCSI TAPE DRIVE

- SCSI tape is required for backup purposes.
- Typically most **SCSI** tape drives should work with SCO UnixWare 2.1. However due to changing technology and variety of tape drive manufacturers every SCSI tape drive cannot be guaranteed to work.
- Non-SCSI tape drives will not work.

SCSI CD-ROM DRIVE

- A SCSI CD-ROM drive is required to copy UnixWare onto the computer.
- A SCSI CD-ROM drive is required to copy Millennium onto the computer.

The following pieces are supplied by MATTEC when a monitoring node license is purchased:

- PCI 8 Channel Serial Port Board (ACU replacement) - RocketPort Board. No other serial expansion board will be accepted.
- PCI Ethernet Card
- Operating System - UnixWare Application Server, Version 2.1.
- Hayes Acura 56K (56K Data/Fax) External Modem. No other modem will be used without prior permission from MATTEC. A modem is supplied for the first monitoring node only.

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CUSTOMER SUPPLIED NON-MONITORING NODE COMPUTERS

Document #: 781-0035-R8, Section B DATE: June 6, 2000

Unless otherwise stated, the items listed below are required as minimums for all ProHelp Millennium non-monitoring node computers. However, due to rapidly changing technology and the variety of computer manufacturers, these required minimums do not guarantee that software will operate properly. Please check with Mattec for further information.

NON-MONITORING NODE COMPUTER

- Pentium II 450 MHz or greater Name-Brand computer. Preferred computer vendors include Compaq, HP, and Gateway
- The computer's BIOS must be able to exclude memory segments, disable internal and external caches, and assign/reassign IRQs for PCI slots, and disable Plug and Play.
- ISA, AGP, or PCI VGA video adapter, any ISA card except the ATI Ultra or Diamond 3D. An ISA VGA card is recommended.
- 3.5 in. 1.44 M Floppy Drive.
- Minimum 1 Gig. IDE or SCSI Hard Disk.
- Minimum 32 Meg of RAM.
- 256 K (or more) of secondary cache is required.
- A 2 or 3 button Logitech or Microsoft Mouse is required. A 3 button Logitech mouse is preferred.
- At least one serial COMM port is required if using serial mouse.
- A second COMM port is required if a GageTalker will be used.
- A parallel printer port is required.

Special Notes:

To utilize NetWare services (network printing) SCO UnixWare 2.1 requires Novell 3.12 – 4.xx

SCSI CONTROLLER

- A SCSI controller is required only if the Non-Monitoring computer has a SCSI hard drive, tape drive, or CD-ROM drive.
- The Adaptec AHA-29160N is the only SCSI controller that will be accepted.

SCSI TAPE DRIVE

- A SCSI tape drive is optional.
- A computer with a SCSI tape drive requires an Adaptec AHA-2940-UW SCSI Controller as described above.
- Non-SCSI tape drives will not work.

SCSI CD-ROM DRIVE

- A SCSI CD-ROM drive is not required but can be utilized to copy the UnixWare onto the computer. In the absence of a CD ROM SCO UnixWare can be copied onto the computer via network

The following pieces are supplied by MATTEC when a non-monitoring node license is purchased:

- PCI Ethernet Card
- Operating System - UnixWare Personal Edition, Version 2.1.

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CUSTOMER SUPPLIED CELL CONTROLLER COMPUTERS

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Unless otherwise stated, the items listed below are required as minimums for all ProHelp Millennium Cell Controller computers. However, due to rapidly changing technology and the variety of computer manufacturers, these required minimums do not guarantee that software will operate properly. Please check with Mattec for further information.

Windows 95 EXCEED Based CELL CONTROLLER COMPUTER

- Pentium 200 MHz (or higher) Name-Brand computer. Preferred computer vendors include HP and GateWay.
- The computer's BIOS must be able to exclude memory segments, disable internal and external caches, assign/reassign IRQs for PCI slots, and disable Plug and Play.
- An approved ISA or PCI VGA video adapter. **If the computer will have a touch-screen monitor, check with MATTEC for a current list of approved VGA cards.**
- 3.5 in. 1.44 M Floppy Drive.
- Minimum 1 Gig. IDE or SCSI Hard Disk.
- Minimum 32 Meg of RAM.
- 256 K (or more) of secondary cache is required.
- A 2 or 3 button Logitech or Microsoft Mouse is required. A 3 button Logitech mouse is preferred.
- At least one serial COMM port is required if using serial mouse.
- One serial COMM port is required if a touch-screen monitor will be used.
- A parallel printer port is optional.
- Windows 95 is required.

SCSI CONTROLLER

- A SCSI Controller is required only if the Cell Controller computer has a SCSI hard drive or tape drive.

TAPE DRIVE

- A tape drive is optional.

IDE CD-ROM DRIVE

- An IDE CD-ROM drive is required

TOUCH-SCREEN MONITOR

- ELOGRAPHICS is the only supported touch-screen monitor.
- The touch screen monitor must have built in serial controller that supports Elographic E281A_4002 emulation mode.
- If a touch-screen monitor is used, a mouse is still required.
- The above may be purchased from MATTEC.

The following pieces are supplied by MATTEC when an Exceed Based Cell Controller license is purchased:

- PCI Ethernet Card
- Exceed X Windows Software.

UNIX Based CELL CONTROLLER COMPUTER

- Intel Pentium II 450 MHz (or higher) Name-Brand computer. Preferred computer vendors include HP and GateWay.
- May require 2 ISA or EISA slots.
- The computer's BIOS must be able to exclude memory segments, disable internal and external caches, assign/reassign IRQs for PCI slots, and disable Plug and Play.
- An approved ISA or PCI VGA video adapter, except the ATI Ultra or Diamond 3D. An ISA VGA card is recommended. **If the computer will have a touch-screen monitor, check with MATTEC for a current list of approved VGA cards.**
- 3.5 in. 1.44 M Floppy Drive.
- Minimum 1 Gig. IDE or SCSI Hard Disk.
- Minimum 32 Meg of RAM.
- The computer must be upgradable to at least 32 Meg RAM.
- 256 K (or more) of secondary cache is required.
- A 2 or 3 button Logitech or Microsoft Mouse is required. A 3 button Logitech mouse is preferred.
- At least one serial COMM port is required if using serial mouse.
- One serial COMM port is required if a touch-screen monitor will be used.
- A parallel printer port is optional.

Special Notes:

To utilize NetWare services (network printing) SCO UnixWare 2.1 requires Novell 3.12 – 4.xx

SCSI CONTROLLER

- A SCSI Controller is required only if the Cell Controller computer has a SCSI hard drive or tape drive.
- The Adaptec AHA-29160N is the only SCSI controller that will be accepted.

SCSI TAPE DRIVE

- A SCSI tape drive is optional.
- A computer with a SCSI tape drive requires an Adaptec AHA-29160N SCSI Controller as described above.

SCSI CD-ROM DRIVE

- A SCSI CD-ROM drive is not required but can be utilized to copy the UnixWare onto the computer. In the absence of a CD ROM SCO UnixWare can be copied onto the computer via network

TOUCH-SCREEN MONITOR

- ELOGRAPHICS is the only supported touch-screen monitor.
- The touch screen monitor must have built in serial controller that supports Elographic E281A_4002 emulation mode.
- The monitor requires Metro X X-Windowing Software from Metro Link Incorporated.
- If a touch-screen monitor is used, a mouse is still required.
- The above may be purchased from MATTEC.

The following pieces are supplied by MATTEC when a Cell Controller license is purchased:

- PCI Ethernet Card.
- Operating System - UnixWare Personal Edition, Version 2.1.

**ProHelp Millennium (MS-Windows Version 3.1 or 95)
CUSTOMER SUPPLIED X-SERVER COMPUTERS**

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MATTEC typically does not supply the customer with X-Server computers. The following lists the minimum/recommended requirements for an X-Server computer.

MATTEC charges separately for installing X-Server software. Contact your MATTEC Sales Representative for pricing information.

X-SERVER COMPUTER

- Any IBM-Compatible 386 (or higher) PC, Pentium is preferred. Performance may not be acceptable on a 386 but the X-Server will run.
- Network accessible CD-ROM as X-Server software comes on CD only. If diskettes are required a “ Diskette Request Coupon ” is available in each package. These diskettes come from the manufacturer of the X-Server.
- Minimum 8 Meg of RAM.
- A VGA card and monitor are required to run MS-Windows.
- The computer must be running MS-DOS Version 5.0 or higher and MS-Windows Version 3.1 or Windows 95 prior to installing the X-Server Software.
- An Ethernet or Token Ring card is required and **must be installed and running** in the computer prior to installing the X-Server Software.
- A Microsoft-compatible mouse is required.
- 3.5 in. 1.44 M Floppy Drive.
- Approximately 20 Meg of Hard Disk space is required for a complete X-Server installation.