

Extended Computer Availability Service

- Certified for use with DeltaV distributed control system (DCS), PROVOX and RS3 NT and XP/Server 2003 system applications
- Remanufactured to Emerson specifications and backed with one-year warranty
- Express delivery available



As part of the overall solution to extend the life of the control system, Emerson offers easy access to factory certified, remanufactured Dell computers that are no longer available to purchase as new.

Introduction

In the fast-paced environment of Operating System evolution, users of older Operator System versions are often left with few if any options when the need arises to replace an existing workstation or server.

Software companies and Suppliers expect users of existing NT-based or XP/Server 2003 Operating Systems to upgrade to the latest workstation or server with the most current Operating System software.

Unfortunately for many users, upgrading their system to the latest version of software and Operating system is not in the immediate plant schedule or budget, and a failed workstation or server with an old Operating System can present a worrisome risk to plant operations. With the Extended Computer Availability Service, we've got you covered.

This service is designed specifically for Emerson customers with DeltaV™ DCS, PROVOX™ and RS3™ systems running Microsoft NT and XP/Server 2003 Operating System based applications. It enables users to confidently extend the life of their current system until they can modernize to a DeltaV DCS or upgrade to the latest version of DeltaV DCS.

When version-compatible computers are no longer available to purchase as-new, factory-certified remanufactured workstation and server models are available through this service, providing a completely qualified ready-to-go platform for all standard Emerson NT and XP/Server 2003 based software applications.

The Extended Computer Availability Service reduces risk to plant operations and maximizes the overall return on your system investment. The service is intended for spares, replacements and minor system expansions. Emerson maintains a limited inventory of each workstation and server model for immediate shipment, subject to additional cost and availability.

Service Features

- As with our latest workstations and servers, the configuration of an Emerson certified remanufactured computer is tightly controlled, right down to the switch settings, BIOS, card slot assignments, hard drives, network interface cards, device driver versions, and more. Emerson certifies their compatibility with standard Emerson NT and XP/Server 2003 based system software applications.
- All models are remanufactured with new parts in place of components that are most likely to wear out, for long life and dependable operation. These components include hard drives, power supplies, cooling fans, English keyboard and mouse.
- The NT and XP/Server 2003 Operating System software is Emerson's approved configuration, not a generic commercial version.
- Emerson certifies these remanufactured Dell computers for all standard Emerson systems applications.

Scope of Supply

Each certified remanufactured Dell computer will be supplied with:

- All cards, memory and other components identified in the product description, pre-installed and configured per Emerson specifications.
- The Emerson certified English language version of the Microsoft NT 4.0, XP or Server 2003 Operating System, pre-loaded and configured.
- U.S. standard AC power cord. Localization for non-US applications may be obtained from the local Emerson service provider
- A one year warranty.

Exclusions

- The Extended Computer Availability Service does not provide traditional repair services, except for warranty service for computers purchased within the service.
- Video monitor and speakers are not provided.
- Units provided with this service are used, and as such may not be in as-new condition.

Application Information

- The Dell Optiplex GX150 workstation is the appropriate choice for RS3 and most PROVOX applications.
- The Dell Precision WS340 is the most robust workstation produced by Dell specifically for NT applications.
- The Dell Precision PE2600 is available for DeltaV DCS and PROVOX systems that require the Windows NT Server 4.0 Operating System. It is a stand-alone (member) server with a five-disk RAID array and built-in controller for RAID5 fault tolerance, protecting the integrity of your data.
- The Dell Optiplex 755DT and Dell Precision T3400 are available for DeltaV DCS that require the Windows XP with SP1 or SP2 Operating System.
- The Dell Precision T3600 and Dell Precision R5500 are available for DeltaV DCS that require the Windows XP with SP2 Operating System.
- The Dell PowerEdge PE2900 III is available for DeltaV DCS that require the Windows Server 2003 with SP0 or SP1 Operating System.
- The Dell PowerEdge PE2950 III is available for DeltaV DCS that require the Windows Server 2003 with SP1 or SP2 Operating System and a rack mount.
- The Dell PowerEdge T610 Server is available for DeltaV DCS that require the Windows Server 2003 with SP1 Operating System.
- The Dell PowerEdge R710 Server is available for DeltaV DCS that require the Windows Server 2003 with SP1 Operating System and a rack-mount.
- The NT5101 PROVOX DeltaV DCS Integrator application uses the WS340. All other standard PROVOX applications use the GX150.
- For RS3 applications use the GX150.
- For RS3 ROS applications that require NT SP5, see the local Emerson office.
- For DeltaV DCS applications ask your local Emerson sales or service office for guidance on selecting the appropriate computer.
- Installation and setup services for Emerson system applications may be purchased separately from the local Emerson office.

Computer Recycle Service Information

Apart from the Extended Computer Availability Service, customers who have computers in need of disposal may be interested in a recycle service available from Emerson’s selected partner company.

Under the partner company’s recycle service, all data on the recycled computer is destroyed in compliance with strict United States government standards, all physical tags that might identify the customer are removed, and all computer materials

are recycled in compliance with applicable government environmental protection statutes.

The customer will receive a certificate of indemnification from the Emerson partner company relative to data destruction and environmental recycling, along with a destruction report identifying the recycled items and the labels that were removed from the computer.

Upon request, Emerson will furnish contact information for the partner company offering this separate service.

Ordering Information

Description	Model Number
Emerson Certified Remanufactured – Optiplex GX150 Minitower PC: English Win NT 4.0; Pentium III 933MHz (min) CPU; No Monitor; Dual Monitor Capable 20GB (min) Drive 256 MB RAM 20/48X (min) CD Drive; English Keyboard; Mouse; Redundant Control Network Ports; Additional Ethernet Port; U.S. power cord. (Includes 1-year warranty)	VE2065T0P3L01R
Emerson Certified Remanufactured – Optiplex 755 Desktop PC: English Windows XP Professional SP1; Core 2 Duo E6550 2.33 GHz (min) CPU; No Monitor; 80G (min) Drive; 2 GB RAM; 48X32 (min) DVD-CDRW Drive; Redundant Control Network Ports; 3rd Ethernet Port; U.S. power cord. (Includes 1-year warranty)	VE2531M99SP1R
Emerson Certified Remanufactured – Optiplex 755 Desktop PC: English Windows XP Professional SP2; Core 2 Duo E6550 2.33 GHz (min) CPU; No Monitor; 80G (min) Drive; 2 GB RAM; 48X32 (min) DVD-CDRW Drive; Redundant Control Network Ports; 3rd Ethernet Port; U.S. power cord. (Includes 1-year warranty)	VE2531M99SP2R
Emerson Certified Remanufactured – Precision WS340 Workstation; English Win NT 4.0; Pentium-4 2.0GHz (min) CPU; No Monitor; Dual Monitor Capable-ATI; 36GB (min) Drive 512 MB RAM, CDRW Drive; English Keyboard; Mouse; Redundant Control Network Ports; Additional Ethernet Port; U.S. power cord. (Includes 1-year warranty)	VE2070T0P3L01R
Emerson Certified Remanufactured – Precision T3400 Minitower; English Windows XP Professional SP1; E6550 2.33GHz (min) Dual-Core CPU; No Monitors; Dual Monitor Capable; 73G (min) SAS Drive; 2G RAM; 48/32 (min) DVD-CDRW; Redundant Control Network Ports; 3rd E-net Port; US power cord. (Includes 1 year warranty)	VE2532M99SP1R
Emerson Certified Remanufactured – Precision T3400 Minitower; English Windows XP Professional SP2; E6550 2.33GHz (min) Dual-Core CPU; No Monitors; Dual Monitor Capable; 73G (min) SAS Drive; 2G RAM; 48/32 (min) DVD-CDRW; Redundant Control Network Ports; 3rd E-net Port; US power cord. (Includes 1 year warranty)	VE2532M99SP2R
Emerson Certified Remanufactured – PowerEdge 2600 Server w/RAID; English NT 4.0 Stand-alone; Dual Intel Xeon 2.4 GHz (min) CPU; No Monitor; Five 36 GB (min) Drives; 2 GB DDR SDRAM (4X512MB); 24X (min) CD Drive; Redundant Control Network Ports; Additional Ethernet Port; Tape Backup Unit. (Includes 1-year warranty)	VE2097C2D1L01R
Emerson Certified Remanufactured – Precision T3600 Minitower; English Windows XP Professional SP2; E5-1603 2.8GHz (min) Quad-Core CPU; No Monitor; Dual and Quad Monitor Capable; Two 250G (min) SATA Drives; 4G RAM; 8X (min) DVD+/-RW; 3rd E-net Port. (Includes 1 year warranty)	VE2554M99SP2R

Description	Model Number
Emerson Certified Remanufactured – Precision R5500 Rack-Mount; English Windows XP Professional SP2; E5620 2.4GHz (min) Quad-Core CPU; No Monitor; Wyse P25 KVM Extender; Two 500G SATA Drives; 4G RAM; DVD+/-RW Drive; 3rd E-net Port; Red Pwr (Includes 1 year warranty)	VE2555M99SP2R
Emerson Certified Remanufactured – PowerEdge 2900 III Tower Server; English Win Server 2003 (no SP); Dual Xeon 5410 2.33GHz(min) Quad-Core CPUs; No Monitor; Six 146GB SAS Drives; RAID10; 4GB RAM; 24XDVD-CDRW Drive; Tape Backup; Redundant Cont Network Ports; 3rd E-net Port	VE2535B1C2M99SP0R
Emerson Certified Remanufactured – PowerEdge 2900 III Tower Server; English Win Server 2003 (SP1); Dual Xeon 5410 2.33GHz(min) Quad-Core CPUs; No Monitor; Six 146GB SAS Drives; RAID10; 4GB RAM; 24XDVD-CDRW Drive; Tape Backup; Redundant Cont Network Ports; 3rd E-net Port	VE2535B1C2M99SP1R
Emerson Certified Remanufactured – PowerEdge 2950 III Rack-Mount; English Win Server 2003 (SP1); Dual Xeon 5410 2.33GHz(min) Quad-Core CPUs; No Monitor; Six 146GB SAS Drives; RAID10; 4GB RAM; 24XDVD-CDRW Drive; Redundant Cont Network Ports; 3rd Ethernet Port	VE2536B1C2M99SP1R
Emerson Certified Remanufactured – PowerEdge 2950 III Rack-Mount; English Win Server 2003 (SP2); Dual Xeon 5410 2.33GHz(min) Quad-Core CPUs; No Monitor; Six 146GB SAS Drives; RAID10; 4GB RAM; 24XDVD-CDRW Drive; Redundant Cont Network Ports; 3rd Ethernet Port	VE2536B1C2M99SP2R
Emerson Certified Remanufactured – PowerEdge T610 Tower Server; English Win Server 2003 (SP1); Dual Xeon E5530 2.4 GHz (min) Quad-Core CPU's; No Monitor; Six 146GB Drives SAS Drives; RAID 10; 4GB RAM; DVD-RW Drive; Redundant Cont Network Ports; 3rd & 4th Ethernet Ports. (Includes 1 year warranty)	VE2543C2M99SP1R
Emerson Certified Remanufactured – PowerEdge R710 Rack-Mount; English Win Server 2003 (SP1); Dual Xeon E5530 2.4 GHz (min) Quad-Core CPU's; No Monitor; Six 146GB (min) SAS Drives; RAID 10; 4GB RAM; DVD-RW Drive; Redundant Cont Network Ports; 2 Additional Ethernet Ports. (Includes 1 year warranty)	VE2542C2M99SP1R

To learn how comprehensive Lifecycle Services solutions address your process management needs, contact your local Emerson sales office or representative, or visit our www.emersonprocess.com.

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