Workstations and Servers for the DeltaV™ DCS

Computers for the DeltaV™ System are available to support current versions of DeltaV Systems.

- Pre-installed Operating System (O/S) software for ease of deployment
- Available with Windows 10 IoT Enterprise LTSC 2021, Server IoT 2022, Windows 11 IoT Enterprise LTSC 2024 or Server IoT 2025
- Easy control network installation; all network cards pre-installed and ready to plug and play
- Choice of workstation and server hardware to optimize your cost and performance
- Choices for tower or rack-mount computers, as well as RAID drive options
- Support for single, dual, and quad monitors

Introduction

DeltaV™ software runs on a specific configuration of supported computers. The selection of workstation and server hardware for the DeltaV DCS provides the platform you need to engineer your control strategy and operate your process.

These computers have a specific set of hardware, chosen to provide the best cost and performance solution for your DeltaV system.

Emerson preselects both the hardware configuration and the O/S configuration for your DeltaV System. This will enable you to more efficiently setup, engineer, and troubleshoot a DeltaV system. In turn, you can focus on your process control functions.

Benefits

Pre-installed Software. When ordered through a DeltaV system integrator, the latest DeltaV software version can be installed prior to arriving at your site. The pre-loaded computer, monitor, keyboard, and mouse are delivered ready to plug and play in your DeltaV system. This is hassle-free hardware delivery. No third-party interfaces, compatibility problems, or software versions to worry you.

Easy Control Network Installation. Computers ship with the appropriate DeltaV control network cards pre-installed — no cases to open or network drivers to set up. Just plug a control network segment into the workstation and the other end into the DeltaV control area network (CAN), and you have just set up a new DeltaV network node.

Choose Between Workstations and Servers to Provide the Best Solution. Match our options with your requirements for chassis configuration and RAID storage. Some systems are served well with workstations or industrial computers. Other, larger systems, require servers for a higher level of performance.

Operating System is Pre-loaded. Computers are shipped with operating systems pre-installed and with appropriate settings configured for use with DeltaV systems. Workstations are shipped with Windows 10 IoT Enterprise LTSC 2021 or Windows 11 IoT Enterprise LTSC 2024. Servers are shipped with Windows Server IoT 2022 or Server IoT 2025.

Product Description

The computer hardware described in this document is subject to improvements at any time. It is the policy of Emerson to provide computer hardware options that are current with industry standards.

Emerson might update hardware options so that the benefits of increasing performance inherent with using state-of-the-art equipment can be realized.

Workstation and Server Hardware

Secure Data and Fast Recovery from Hard Drive Failures. Computers with RAID drives provide higher availability and fast recovery from failures. Servers in RAID 1 and RAID 10 configurations increase data protection and help enhance the performance of the server.

Crystal Clear Video. Emerson offers a variety of monitors to work with DeltaV Operate, the legacy HMI. These, or any Windows-compatible monitors, can be used with DeltaV Live.

Alarm Annunciation. Audible alarms use the on-board sound cards included on the motherboards of all operator workstations. (Sound is not available on server-class computers.)

Legendary Support. Emerson consistently receives top honors in service from our customers. Many computers are shipped with a five-year warranty. Optional two-year additional warranty available for servers.

Communications Redundancy. The DeltaV system is solid, secure, and safe. The DeltaV control network is redundant, and the computers are equipped to take advantage of this redundancy.

Monitor Options. Choose standard or widescreen flat panel monitors to display your process graphics. Choose dual or quad monitors for maximum viewing area. Any size monitor can be used with DeltaV Live.

Monitor Specifications

DeltaV™ Live is the modern operator interface available with DeltaV v14.LTS and later. This is the preferred HMI to use with DeltaV systems. DeltaV Live utilizes scalable vector graphics and HTML5 technologies, making it aspect and resolution independent. Any monitor that can be detected by the Windows operating system may be used with DeltaV Live. Complementary applications (for example, Process History View, Alarm Help, Control Studio Online) can be launched from DeltaV Live and behave as normal Windows programs. For detailed setup instructions, please consult Knowledge Base Article AK-1700-0069. **DeltaV Operate** is the legacy operator interface and supports 16:10 and 16:9 aspect ratios to a resolution of 1920x1080 in single, dual, or quad screen layouts. Dedicated cables are required for each screen.

The DeltaV v11.3.1 and newer systems support widescreen monitors with a 16:10 aspect ratio up to 1680x1050 resolution.

The DeltaV v13.3 and newer systems support widescreen monitors with a 16:9 aspect ratio up to 1920x1080 resolution.

The DeltaV system also supports a 19" monitor (5:4 aspect ratio 1280x1024 resolution only) on workstations and servers.

Wide screen monitors are supported on all DeltaV Workstations including server class computers as noted below.

Wide screen monitors must be connected to the computer prior to making wide screen resolution selections.

Note: The on-board video of servers may not support the same wide screen resolutions or aspect ratios as non-server workstations.

Model Number	Description	Warranty
SE2807	19-Inch LED Monitor – Dell Monitor P1917S; 5:4 Aspect Ratio; 1280x1024 at 60Hz Resolution; VGA/HDMI/DP Cables included: 1 VGA, 1 DP, and 1 USB	3 year
SE2818	43-inch LED Ultra HD 4K Quad Monitor – Dell Monitor; Connect up to four independent clients to a single monitor; 16:9 Aspect Ratio; 3840 x 2160 at 60 Hz (HDMI & DP only) Resolution; 2xHDMI / 2xDP Cables included: 1 DP, 2 USB, 1 HDMI	3 year
SE2820	24-inch MST LED Monitor – Dell UltraSharp 24 Monitor U2424H; HDMI/DP Cables included: 1 DP and 1 USB	3 year
SE2824	24-inch FHD Monitor – Dell Monitor P2426; 16:10 Aspect Ratio; 1920x1200 at 100Hz Resolution; USB/HDMI/DP Cables included: 1 HDMI, 1 DP and 1 USB	3 year
SE2825	22-inch FHD Monitor – Dell Monitor P2226H; 16:9 Aspect Ratio; 1920x1080 at 100Hz Resolution; USB/HDMI/DP Cables included: 1 HDMI, 1 DP and 1 USB	3 year
SE2826	24-inch FHD Monitor – Dell Monitor P2426H; 16:9 Aspect Ratio; 1920x1080 at 120Hz Resolution; USB/HDMI/DP Cables included: 1 HDMI, 1 DP and 1 USB	3 year
SE2827	27-inch FHD Monitor – Dell Monitor P2726H; 16:9 Aspect Ratio; 1920 x 1080 at 120 Hz Resolution; USB/HDMI/DP Cables included: 1 HDMI, 1 DP and 1 USB	3 year

Monitor physical appearances change periodically and without notice from monitor suppliers. We cannot guarantee that physically compatible monitors will be always available. If you require spare or replacement monitors to be physically compatible with installed monitors, then additional monitors must be ordered at the same time as the primary monitors.

For more specifications, see documentation on Dell.com.

Touch screen is supported on DeltaV workstations, but none of the above models have touch screens. Monitors selected for touchscreen should match the aspect ratio and optimal resolution of the supported monitors.

Specifications Common to all Computers

Computer hardware does not follow the same lifecycle guidelines as Emerson-manufactured DeltaV hardware. DeltaV Workstations and Servers are supported via the original manufacturer warranty, with time specified per model. Remaining warranty time can be found by service tag number in Guardian or on the Dell support website. Consult your local Emerson support office if you need more information.

All computers must be installed in a dust-free, contaminant-free environment. These computers are not suitable for mounting in industrial environments unless they are mounted in enclosures that provide the necessary dust free and contaminant-free environment. For the workstations, the environment must meet Class G1 level for airborne contaminants per the ISA standard ISA–71.04–1985, Environmental Conditions for Process Measurement and Control Systems: Airborne Contaminants. It is the responsibility of the user to ensure the computer environment is compatible with G1. If there is any chance of sulfur in the environment, computers must be protected in environmental enclosures or relocated to a sulfur-free environment.

DeltaV workstations, servers and associated components are classified as Information Technology Equipment. This equipment is typically installed in control rooms with Class 1 environments unless the specifications in this document state an exception. The equipment complies with standard EN55022 Class A or Class B for emissions and standard EN50082-1.1992 for immunity. Please refer to DeltaV Site Prep Manual for more information.

Computer restore image: Computers on this data sheet do not have operating system restore image shipped with the computer. Restore images are posted in Guardian, if there is no license verification required. Contact your local Emerson office if the restore image you need is not on the Guardian portal.

The servers shown in this data sheet are intended for embedded applications. 'Embedded application' means a software application that permanently resides in an industrial device, typically stored in a non-volatile memory such as read-only memory or flash memory, or server intended for use as appliances. 'Server appliance' means a server that is not intended to execute user-supplied software, delivers services through one of more networks, is typically managed through a web or command line interface and is bundled with a pre-installed and application software that is used to perform a dedicated function or set of tightly coupled functions.

Note on the use of Uninterruptible Power Supply (UPS) with DeltaV Computers

For workstations and servers that will be used as a DeltaV ProfessionalPLUS Station, the use of a UPS is **required to prevent possible database corruption due to a sudden power loss** on the ProfessionalPLUS.

In addition, it is strongly suggested that all DeltaV nodes including Operator workstations be connected to a UPS system to prevent possible corruption of the O/S, DeltaV software, or other data (such as historians) during a sudden power loss. Critical devices on the DeltaV network should always be protected by the use of a UPS system from possible damage due to sudden power loss.

Small Form Factor Workstation for the DeltaV DCS [based on Dell Pro Slim Plus]			
Model Number	**Operating System**	**DeltaV Compatibility**	**Warranty**
SE2609C0x	Windows 10 IoT LTSC 2021	v14.x MultiOS[1], v15.LTS and newer	5 Year
SE2610C0x	Windows 11 IoT LTSC 2024	v16.LTS and newer	5 Year

SE2609C01	**SE2609C02**	**SE2610C01**	**SE2610C02**
■ One 512GB Solid State Drive ■ No RAID	■ Two 512GB Solid State Drives ■ RAID 1	■ One 512GB Solid State Drive ■ No RAID	■ Two 512GB Solid State Drives ■ RAID 1

This workstation is offered with Win10 IoT LTSC 2021 or Win11 IoT LTSC 2024. All other specifications are the same.

- Small form factor chassis
- Memory: 32GB
- Intel® Core™ Ultra 7 265, 20 Cores, Up to 5.3 GHz
- 5 Network Interface Ports
- Front USB ports: 2 – USB 2.0, 1 – USB 3.2, 1 – USB C
- Rear USB ports: 2 – USB 2.0, 4 – USB 3.2
- 4 Display ports, On-board integrated graphics – Single/Dual/Quad Monitors
- USB optical mouse (2 button w/ scroll)
- USB keyboard
- Local power cord option
- Internal speaker / No external speaker included
- Headset jack
- Dimensions (H x W x D) Inches / (mm): 11.95 x 3.74 x 11.54 / (303.5 x 95 x 293)
- Power Supply Unit: 360W Platinum internal power supply unit
- Temperature: Operating 5°C to 45°C (50°F to 95°F), Storage -40°C to 65°C (-40°F to 149°F)
- Relative Humidity: Operating 10% to 90% (non-condensing), Storage 0% to 95% (non-condensing)
- See Dell Pro Slim Plus documentation online for detailed environmental specifications
- SE2609C0x ships with Windows 10 IoT Enterprise LTSC 2021 installed. Recovery image is downloadable on **https://guardian.emerson.com**
- SE2610C0x ships with Windows 11 IoT Enterprise LTSC 2024 installed. Contact your service office for the recovery media, if needed.

[1]DeltaV™ v14.LTS and v14.FP-Japanese MultiOS versions can run on Win10 LTSC 2021; these are the only v14 releases for which these models are compatible. Refer to KBA NK-1900-0775 for more information on operating systems for v14.x.

Rack Mount Workstation for the DeltaV DCS [based on Dell Precision R7960XL workstation]			
Model Number	**Operating System**	**DeltaV Compatibility**	**Warranty**
SE2642C08	Windows 10 IoT Enterprise LTSC 2021	v14.x MultiOS[1], v15.LTS and newer	5 Year
SE2643C01	Windows 11 IoT Enterprise LTSC 2024	v16.LTS and newer	5 Year

This workstation is offered with Win10 IoT LTSC 2021or Win11 IoT LTSC 2024. All other specifications are the same.

- Chassis: 2U rack mount
- Two 512GB Solid State Drives
- Tera2 card not included; see SE2500-KIT7 in following pages for remote KVM
- RAID 1
- 32GB Memory
- CPU: Intel® Xeon Silver 4410Y 2.0-3.9GHz turbo, 12-Core processor
- Graphics card
  - 4 mini-Display Port
  - mDP to DP female adapters included
- Supports 4K monitors
- 6 Network Interface Ports
- USB ports: USB 2.0 – 1 front / 1 rear, USB 3.0 – 1 rear
- Dual hot-plug redundant power supply 1100W
- USB optical mouse (2 button w/ scroll), wired keyboard
- External speaker not included
- Dimensions
  - Height: 3.39 in (8.68 cm)
  - Width: front – 18.96in (48.2 cm); rear – 17.08in (43.4 cm)
  - Depth: 30.44 in (77.21cm)
  - Weight: max – 65.36 lb (29.64 kg); min – 46.25 lb (20.98 kg)
- Environmental (for additional information about environmental specifications, refer to the Product Environmental Datasheet located with the Documentation on **www.dell.com/support/home**)
  - Temperature: Operating 5°C to 35°C (41°F to 95°F); Storage -40°C to 65°C (-40°F to 149°F)
  - Relative Humidity: Operating 10% to 90% (non-condensing); Storage 0% to 95% (non-condensing)
  - Vibration (maximum): Operating .66 GRMS; Storage 1.30 GRMS
  - Shock (maximum): Operating 110 G; Storage 160 G
- No DVD drive included
- SE2642C08 with Windows 10 LTSC 2021 installed. Recovery image is available for download on **https://guardian.emerson.com**
- SE2643C01 ships with Windows 11 IoT Enterprise LTSC 2024 installed. Contact your local service office for recovery media, if needed.

[1]DeltaV v14.LTS and v14.FP-Japanese MultiOS versions can run on Win10 LTSC 2021; these are the only v14 releases for which these models are compatible. Refer to KBA NK-1900-0775 for more information on operating systems for v14.x.

Tower Workstation for DeltaV Systems [based on Dell Precision T5860XL workstation]			
Model Number	**Operating System**	**DeltaV Compatibility**	**Warranty**
SE2640C02	Windows 10 IoT Enterprise LTSC 2021	v14.x MultiOS[1] v15.LTS and newer	5 Year
SE2641C01	Windows 11 IoT LTSC 2024	v16.LTS and newer	5 Year

This workstation is offered with Win10 IoT LTSC 2021 or Win11 IoT LTSC 2024. All other specifications are the same.

- Two 512GB Solid State Drives; Raid 1
- CPU: Intel® XEON® W3-2425 3.0-4.4GHz turbo, 6-Core processor
- Memory: SE2640C02: 16GB
  SE2641C01: 32GB
- 5 Network Interface Ports
- USB ports: (10 total) 2 USB 3.2 Gen 1, 1 USB Gen 2 Type-C with PowerShare, 1 USB 3.2 Gen 2 Type-C – front / 3 USB 3.2 Gen 2 Type-C, 2 USB 3.2 Gen 1, 1 USB 3.2 Gen 1 with SmartPower – rear
- 750W Internal power supply
- Onboard integrated audio
  - Internal speaker
  - External speaker not included
- Graphics card
  - 4 mini-DisplayPort
  - 4 Mini-Display Port to Display Port cable
- Optional KVM available, see model SE2500-KIT7
- Dell optical (2 button and scroll) Mouse, USB Keyboard, and Local Power Cord
- No DVD Drive
- Mid-sized tower with dimensions
  - Height 414.0 mm (16.29 in) / 417.9 mm (16.45 in) with feet
  - Width 172.60 mm (6.79 in) / 176.50 mm (6.94 in) with feet
  - Depth 429.60 mm (16.90 in) / 452.10 mm (17.79 in) with lock-structure
  - Weight 21.70kg (47.80 lb)
- Environmental (for additional information about environmental specifications, refer to the *Product Environmental Datasheet* located with the *Documentation* on **www.dell.com/support/home**)
  - Vibration (maximum): 0.52 GRMS random at 5 Hz to 350 Hz during operation / 2.00 GRMS random at 5 Hz to 350 Hz in storage
  - Shock (maximum): Bottom half-sine pulse with a change in velocity of 40G, 2.5ms during operation / 105G half-sine pulse with a change in velocity of 105G, 2.5msin storage
  - Temperature: 10-35°C (50-95°F) operation / -40 to 65°C (-40 to 149°F) in storage
  - Relative humidity: 20-80% (non-condensing, max dew point temperature = 26°C) operation / 5-95% (non-condensing, max dew point temperature = 33°C)
- The SE2640C02 ships with Windows 10 IoT Enterprise LTSC 2021 installed. Recovery image is downloadable on **https://guardian.emerson.com**
- The SE2641C01 ships with Windows 11 IoT Enterprise LTSC 2024. Contact your service office for the recovery media, if needed

[1]DeltaV v14.LTS and v14.FP-Japanese MultiOS versions can run on Win10 LTSC 2021; these are the only v14 releases for which these models are compatible. Refer to KBA NK-1900-0775 for more information on operating systems for v14.x.

Rail Kit for T5860XL	
Model Number	**Description**
SE2640KIT-1	Kit to Convert T5860 to a Rack-Mount workstation

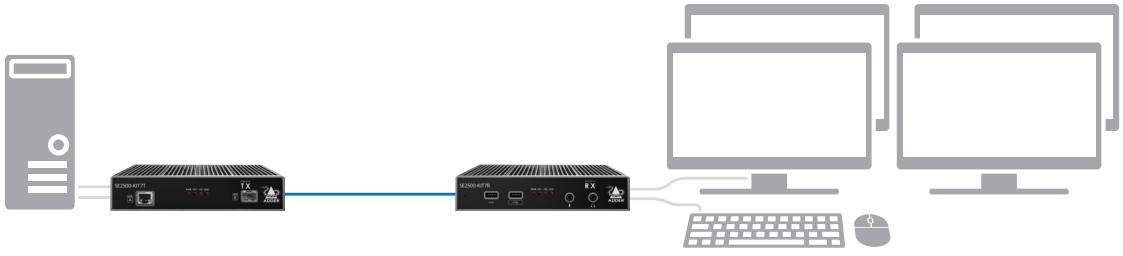
- Includes sliding rails and hardware to convert from tower to rack-mount
- Dimensions of workstation with rails installed (rack-mount configuration)
  - Width 19 inches
  - Height 6.8 inches
  - Depth 18.5 inches
- See Dell website for instructions on how to install the rail kit
- Note that the rails and brackets might ship separately from Dell

Image 1. *Front view of T5860 as rack-mount with rails installed.*

Image 2. *Side view of T5860 as rack-mount with rails installed.*

KVM Extender			
Model Number	**Operating System**	**DeltaV Compatibility**	**Warranty**
SE2500-KIT7	N/A	N/A	2 Year

- Transmitter / Receiver extender pair, including:
  - Power adapter for each module, with country-specific power cord
  - DisplayPort cable
  - USB cable
- Enables Single to Quad Monitor high-definition video
- Distance between transceiver and receiver
  - 50 – 100 meters with unshielded CAT5e or CAT6 cable
  - 300m – 4km with fiber optic cable
- Audio transmitted via
  - Audio ports or USB
  - DisplayPort, if supported by monitor
- Power Supply
  - 100 – 240 VAC, 47-63Hz
  - 12 VDC, 18W output from power supply unit
- Environmental Specifications
  - Operating temperature: 0 to 40°C (32 to 104°F)
  - Operating humidity: 0 to 80%
  - Storage temperature: 0 to 40°C (32 to 104°F)
  - Storage humidity: 0 to 80%
- Dimensions
  - Each module: 186mm (7.32in) width / 39mm (1.54in) / 148mm (5.83in) depth
  - Transmitter weight: 1.29kg (2.84lbs)
  - Receiver weight: 1.24kg (2.73lbs)
- *NEW* SE2500-RAIL7: Rail kit for KVM extenders. Holds two extenders. See Adder model RMK15-SH for more information
- See KBA NK-2500-0205 and **https://www.adder.com/en/kvm-solutions/adderlink-se2500-kit7** for more information and details on monitor connections based on quantity and type of monitor



DeltaV Rugged Laptop for Standalone PK Engineering			
Model Number	**Operating System**	**DeltaV Compatibility**	**Warranty**
SE2626C01	Windows 10 IoT LTSC 2021	v14.x MultiOS[1], v15.LTS and newer	5 Year

- 14” Rugged Laptop
- 2 RG45 Network Interface Port
- USB ports: 2 – 3.2 Gen 2; 1 – 3.2 Gen 2 Type-C with PowerDelivery
- Intel Dual-Band Wi-Fi and Bluetooth Module
- Intel Core Ultra7 165U Processor (12MB cache, 12 cores, up to 4.9 GHz, 15W)
- Memory: 16 GB
- Hard Drive: 512 GB Solid State Drive (SSD)
- On-board integrated audio (AUX out)
- 1920x1080, Outdoor Readable, Touch screen
- HD RGB Camera + Microphone
- Integrated touchpad
- Sealed Internal RGB Backlit English Keyboard
- 2 three-cell (53.5 Whr) Battery
- 100W AC Adapter, USB Type C
- Dimensions (H x W x D) mm (inches): 33.6 x 340 x 220 (1.32 x 13.38 x 8.66)
- Weight: 4.49 lbs / 2.04 kg (without handle and bumpers)
- Temperature: Operating -29°C to 63°C (-20°F to 145.4°F), Storage -51°C to 71°C (-60°F to 160°F)
- Relative Humidity: Operating 10% to 95% (Max dew point temperature = 26°C), Storage 5% to 95% (Max dew point temperature = 33°C)
- IP-53 rated for protection against dust, dirt, and water ingress
- MIL-STD-810H certified with the following tests: transit drop 36”/0.91m; single unit; 26 drops, operating drop (36”/0.91m), blowing dust, vibration, functional shock, humidity, altitude, thermal extremes
- IEC 60529 ingress protection[1]: IP-53 (dust-protected, protected against splashing water from any direction)
- This laptop is only intended for use with the Standalone PK Engineering software
- No DVD drive included
- The SE2626C01 ships with Windows 10 IoT LTSC 2021 installed. Recovery image is downloadable on **https://guardian.emerson.com**

[1]DeltaV v14.LTS and v14.FP-Japanese MultiOS versions can run on Server IoT 2022; these are the only v14 releases for which these models are compatible. Refer to KBA NK-1900-0775 for more information on operating systems for v14.x.

Operator Panel PC for DeltaV Systems [based on Phoenix Contact VL3 Industrial Panel PC]			
Model Number	**Description**	**DeltaV Compatibility**	**Warranty**
SE2620C0x	Industrial Panel PC with Win10 LTSC 2021; see below for display size options	v14.x MultiOS[1], v15.LTS and newer	2 Year[2]
NEW SE2621C0x	Industrial Panel PC with Win11 LTSC 2024; see below for display size options	v16.LTS and newer	2 Year[2]
SE2620W3YREXT[2]	3-Year Warranty Extension from 2 to 5 years total	For use with SE2620C0x	3 Years

- All models have the same hardware specifications, except for the memory and display size. See options below
- Intel® Core™ i7-1185G7E, 2.8 GHz
- Memory: 16GB RAM for SE2620C0x; 32GB for SE2621C0x
- Drive: 480GB SSD
- 3 Ethernet interface ports; 10/100/1000 Mbps
- 6x USB 3.1
- Audio out (via USB speaker, not provided)
- Single Touchscreen LED Display
- No keyboard/mouse included
- No DVD Drive
- Dimensions:
  SE2620C01 and SE2621C01 – 15.6-in. display – 15.67”/398mm x 10.75”/273mm x 3.46”/88mm and 15.65 lbs/7.1 kg
  SE2620C02 and SE2621C02 –18.5-in. display – 18.31”/465mm x 12.20”/310mm x 3.50”/89mm and 18.08 lbs/8.2 kg
  SE2620C03 and SE2621C03 – 21.5-in. display – 20.94”/532mm x 13.62”/346mm x 3.50”/89mm and 19.84 lbs/9.0 kg
- Power Supply: 24 VDC power; Removable COMBICON screw-type connector
- Ambient Operating Temperature: -20°C … 50°C
- Vibration: Vibration resistance according to EN 60068-2-6, 1g
- Shock: Shock test according to IEC 60068-2-27, 15g with 11 ms impulse
- Class I, Division 2 rating
  - See Phoenix Contact VL3 documentation for environmental specifications
  - If IECex / ATEX certification is needed, refer to the DeltaV Alliance Program for options
- Recovery image for SE2620C0x is downloadable on **https://guardian.emerson.com**
- SE2621C0x ships with Windows 11 IoT Enterprise LTSC 2024. Contact your service office for the recovery media, if needed

[1]DeltaV v14.LTS and v14.FP-Japanese MultiOS versions can run on Win10 LTSC 2021; these are the only v14 releases for which these models are compatible. Refer to KBA NK-1900-0775 for more information on operating systems for v14.x.

[2]Extended warranty must be purchased when Panel PC is ordered.

Industrial Box PC (BPC) Workstation for DeltaV Systems [based on Phoenix Contact VL3 BPC]			
Model Number	**Description**	**DeltaV Compatibility**	**Warranty**
SE2635C01	Industrial computer with Windows 10 IoT Enterprise LTSC 2021	v14.x MultiOS[1], v15.LTS and newer	2 Year[2]
NEW SE2637C01	Industrial computer with Win11 IoT LTSC 2024	v16.LTS and newer	2 Year[2]
SE2635W3YREXT	BPC 3-Year Warranty Extension from 2 to 5 years total	For Use with SE2653C01	3 Years

- For wall mount installation
- CPU: i7-1185G7E 2.8GHz
- Memory: 16GB
- Drive: 480GB Solid State Drive, No RAID
- 2 Display Ports
- 3 Network Interface Ports
- 6 USB 3.1 ports
- Empty PCIe x4 slot
- Audio out via Display Port
- Serial Communications: 3 RS-232/422/485 ports
- No DVD Drive
- External speakers: not included
- Keyboard and mouse: not included
- Power Supply: 24 VDC power
- Height: 225 mm (8.86 in), Width: 109 mm (9.29 in), Depth: 230mm (9.05 in)
- Weight: 4.3 kg (9.5 lbs) plus packaging
- Temperature: Operating -20°C to 50°C (-4°F to 122°F) Storage -40°C to 70°C (-40°F to 158°F)
- Permissible Humidity: Operating 10% to 95% (non-condensing), Storage/Transportation 10% to 95% @ 40°C (non-condensing)
- Vibration (operation): according EN 60068-2-6, 1 g
- Shock: according EN 60068-2-27, 15g / 11 ms impulse
- Protection Rating: IP30
- Please see Phoenix Contact VL3 BPC documentation for detailed environmental specifications
- The SE2635C01 ships with Windows 10 IoT Enterprise LTSC 2021 installed. Recovery image is downloadable on **https://guardian.emerson.com**
- The SE2637C01 ships with Windows 11 IoT Enterprise LTSC 2024. Contact your service office for the recovery media, if needed

[1]DeltaV 14.LTS and v14.FP-Japanese MultiOS versions can run on Win LTSC 2021; these are only v14 releases for which these models are compatible. Refer to KBA NK-1900-0775 for more information on operating systems for v14.x.

[2]Extended warranty must be purchased when IPC is ordered.

Other Industrial PCs for DeltaV Systems via Alliance Program	
Pepperl+Fuchs Industrial Box PC – BPC3200 and associated modular HMIs	
Industrial, Non-Ex General Purpose	**ATEX & IECEx Zone 2 and Class I, Div 2**
BPC3200-NB-NNNN-D-2NMP3NN-NN0 (256GB SSD)	BPC3200-MB-NNNN-D-2NMP3NN-NN0 (256GB SSD)
BPC3200-NB-NNNN-D-2NMQ3NN-NN0 (512GB SSD)	BPC3200-MB-NNNN-D-2NMQ3NN-NN0 (512GB SSD)
Industrial Grade Panel PCs and HMI Solutions also available in 15.6”, 19”, 21.5” using the BPC3200	

- Intel® Core™ i5-7300U
- Memory: 16GB RAM
- Drive: 256GB or 512GB SSD
- 5x USB ports (2x USB Ex i ports prepared for Pepperl+Fuchs intrinsically safe keyboard, 2x USB 3.1 Gen1 (5 Gbps) ports, 1x USB 2.0 port)
- 1x 3.5mm audio jack (Line-out)
- Recommended Power Supply: PS1000-A6-24.5
- 1x DisplayPort 1.2 port (supports DP++)
- 1x mini-DisplayPort 1.2 port (supports DP++)
- 1x Power input w/ 3 pin terminal block
- 1x RS232/422/485 port (D-SUB 9)
- 1x Connector for external power button
- Ambient Operating Temperature: -20 ... 55°C (-4 ... 131°F) [with wide temperature grade RAM/storage]
- Order with Win10 LTSC 2021 to be compatible with DeltaV v14.LTS MultiOS, v15.x and v16.LTS

Tower Server for DeltaV Systems [based on Dell PowerEdge T360 server]			
Model Number	**Operating System**	**DeltaV Compatibility**	**Warranty**
SE2732C0x	Windows Server® IoT 2022	v14.x MultiOS[1], v15x through v16.LTS	5 Year
SE2734C0x	Windows Server® IoT 2025	v16.LTS and newer	5 Year

SE2732C01	**SE2732C02**	**SE2734C01**	**SE2734C02**
■ Two 1.6TB[4] Solid State Drives ■ RAID 1 ■ 16GB Memory	■ Four 1.6TB[4] Solid State Drives ■ RAID 10 ■ 16GB Memory	■ Two 1.6TB[4] Solid State Drives ■ RAID 1 ■ 32GB Memory	■ Four 1.6TB[4] Solid State Drives ■ RAID 10 ■ 32GB Memory

- PERC RAID Controller
- CPU: Intel Xeon Processor
- Ethernet Ports: 6, 1GB ports + 1 iDRAC port
- Ports (non-Ethernet): front – 1 USB 3.2, 1 mini iDRAC Direct / rear – 3 USB 2.0, 3 USB 3.2, 1 Serial, 1 VGA
- One open PCIe full height (1x16)
- Includes iDRAC Enterprise license[3]
- Power Supply: Dual, hot-pluggable, redundant, 600W
- Mouse: Dell optical (2 button and scroll), USB Keyboard, and Local Power Cord
- Supports 1920 x 1080 monitor resolution
- Dimensions
  - Height 382.5 mm (15.06 in)
  - Width 175 mm (6.88 in)
  - Depth 579.72 mm (22.82 in) with bezel
  - Weight maximum 25.10 kg (55.34 pounds)
- Environmental (for additional information about environmental specifications, refer to the *Product Environmental Datasheet* located with the Documentation on **www.dell.com/support/home**)
- Vibration: 0.26 Grms at 5 Hz to 350 Hz / 1.88 Grms at 10 Hz to 500 Hz for 15 minutes in storage
- Shock: 6 shock pulses of 6 G for up to 11ms during operation / 6 shock pulses of 71 G for up to 2ms in storage
- Temperature: 10-35°C (50-95°F) ASHRAE A2 continuous operation / -40 to 65°C (-104 to 149°F) in storage
- Relative Humidity: 8% with minimum dew point -12°C to 80% with 21°C (69.8°F) maximum dew point, ASHRAE A2 continuous operation / 5-95% with 27°C (80.6°F) maximum dew point in storage
- Dell OpenManage Server Administrator can be downloaded from the Dell website if needed
- SE2732C0x ships with Server IoT 2022 installed with 10 CALs. Recovery image is downloadable on **https://guardian.emerson.com.**
- SE2734C0x ships with Server IoT 2025 with unlimited CALs. Contact your local service office if recovery media is needed.

[1]DeltaV v14.LTS and v14.FP-Japanese MultiOS versions can run on Server IoT 2022; these are the only v14 releases for which these models are compatible. Refer to KBA NK-1900-0775 for more information on operating systems for v14.x.

[2]1.2TB SAS Hard Disk Drives shipped with orders placed early to mid-November 2025 or later. Earlier orders shipped with 600GB drives. Check service tag on **www.dell.com/support** to confirm shipped hard drives.

[3]iDRAC Enterprise shipped with orders placed Oct. 1, 2024 or later. Check service tag on **www.dell.com/support** to confirm shipped license.

[4]1.6TB Solid State Drives shipped starting in 1st quarter of 2026. Earlier orders shipped with 800GB SSDs. Check service tag on **www.dell.com/support** to confirm shipped drives.

Rack Server for DeltaV Systems [based on Dell PowerEdge R660XSXL server]			
Model Number	**Operating System**	**DeltaV Compatibility**	**Warranty**
SE2719C0x	Windows Server® IoT 2022	v14.x MultiOS[1], v15.LTS and newer	5 Year
SE2733C0x	Windows Server® IoT 2025	v16.LTS and newer	5 Year

- 2.5" rack-mountable chassis with sliding ready rails and cable management arm
- Intel Xeon processor[2]
- PERC RAID Controller

SE2719C01	SE2719C03	SE2733C01	SE2733C02
■ Two 1.6TB[4] Drives ■ RAID 1 ■ 32GB Memory	■ Four 1.6TB[4] Drives ■ RAID 10 ■ 32GB Memory	■ Two 1.6TB[4] Drives ■ RAID 1 ■ 32GB Memory	■ Four 1.6TB[4] Drives ■ RAID 10 ■ 32GB Memory

- 2.5" hot pluggable, Solid State Drives
- 6 Ethernet ports + 1 iDRAC port
- 4 USB ports – back panel: 1 USB 3.0, 1 USB 2.0 and front panel: 1 Micro-AB USB for iDRAC connection, 1 USB 2.0
- Integrated VGA Controller
- Two open PCIe Gen4 slots (1x8 and 1x16)
- Includes iDRAC Enterprise license[3]
- Hot-pluggable drive backplane
- Redundant, hot-pluggable, 800W power supplies
- USB mouse (2 button w/ scroll), USB Keyboard, and Local Power Cord
- Dimensions: Height 42.8 mm (1.68 in), Width 482 mm (18.97 in), Depth 712.95 mm (28.05 in) without bezel/ 748.79 mm (29.85 in) with bezel, Weight 19.45 kg (55.33 lbs)
- Environmental (for additional information about environmental specifications, refer to the *Product Environmental Datasheet* located with the Documentation on **www.dell.com/support/home**)
  - Vibration: 0.21 Grms at 5 Hz to 500 Hz for 10 min during operation / 1.88 Grms at 10 Hz to 500 Hz for 15 minutes in storage
  - Shock: 6 shock pulses of 6 G for up to 11ms during operation / 6 shock pulses of 71 G for up to 2ms in storage
  - Temperature: 10-35°C (50-95°F) ASHRAE A2 continuous operation, not in direct sunlight / -40 to 65°C (-104 to 149°F) in storage
  - Relative humidity: 8% with minimum dew point -12°C (10.4°F) to 80% with 21°C (69.8°F) maximum dew point, ASHRAE A2 continuous operation / 5-95% with 27°C (80.6°F) maximum dew point in storage
- SE2719C0x ships with Windows Server IoT 2022 Standard with 10 Device CALs installed. Recovery image is downloadable on **https://guardian.emerson.com**
- SE2733C0x ships with Windows Server IoT 2025 Standard with unlimited Device CALs installed. Contact your local service office if recovery media is needed

[1]DeltaV v14.LTS and v14.FP-Japanese MultiOS versions can run on Server IoT 2022; these are the only v14 releases for which these models are compatible. Refer to KBA NK-1900-0775 for more information on operating systems for v14.x.

[2]Due to supply chain volatility, there are a few processor possibilities. All shipped processors are tested and approved. Check service tag on **www.dell.com/support** to confirm shipped processor.

[3]iDRAC Enterprise shipped with orders placed Oct. 1, 2024 or later. Check service tag on **www.dell.com/support** to confirm shipped license.

[4]1.6TB Solid State Drives shipped starting in 1st quarter of 2026. Earlier orders shipped with 800GB SSDs. Check service tag on **www.dell.com/support** to confirm shipped drives.

Rack Server for DeltaV Systems [based on Dell PowerEdge R360 server]			
Model Number	**Operating System**	**DeltaV Compatibility**	**Warranty**
SE2731C0x	Windows Server® IoT 2022	v14.x MultiOS[1], v15.LTS and newer	5 Year

- 1U rack-mountable chassis with sliding ready rails and cable management arm
- Intel Xeon Processor
- PERC RAID Controller
- Memory: 16GB
- Ethernet ports: 6 + 1 dedicated iDRAC
- 4 USB ports – rear: 1 USB 3.2 Gen 1, 1 USB 2.0 and front: 1 Micro-AB USB for iDRAC connection, 1 USB 2.0
- One open PCIe (1 x 16)
- Redundant, hot-pluggable, 600W power supplies
- USB mouse (2 button w/ scroll)
- Local USB country keyboard
- 2 Local power cables
- No DVD Drive
- SE2731C01 – RAID 1; Two 1.2TB[2] hot pluggable, 2.5" 10k SAS Hard Disk Drives 12Gbps
- SE2731C02 – RAID 10; Four 1.2TB[2] hot pluggable, 2.5" 10k SAS Hard Disk Drives 12Gbps
- Includes iDRAC Enterprise license[3]
- Dimensions
  - Height 42.8 mm (1.68 inches)
  - Width 482 mm (18.97 inches)
  - Depth 534.5 mm (21.04 inches) without bezel / 548.1 mm (21.58 inches) with bezel
- Environmental (for additional information about environmental specifications, refer to the *Product Environmental Datasheet* located with the Documentation on **www.dell.com/support/home**)
  - Vibration: 0.21 Grms at 5 Hz to 500 Hz (all operation orientations) / 1.88 Grms at 10 Hz to 500 Hz for 15 minutes in storage
  - Shock: 6 shock pulses of 6 G for up to 11ms during operation / 6 shock pulses of 71 G for up to 2ms in storage
  - Temperature: 10-35°C (50-95°F) ASHRAE A2 continuous operation, not in direct sunlight / -40 to 65°C (-104 to 149°F) in storage
  - Relative humidity: 8% with minimum dew point -12°C (10.4°F) to 80% with 21°C (69.8°F) maximum dew point, ASHRAE A2 continuous operation / 5-95% with 27°C (80.6°F) maximum dew point in storage
- This server does not come with the Dell OpenManage Server Administrator DVD. The software agent can be downloaded from the Dell website if needed
- Ships with Windows Server IoT 2022 Standard 16 Core with 5 Device CALs installed. Recovery image is downloadable on **https://guardian.emerson.com**

[1]DeltaV v14.LTS and v14.FP-Japanese MultiOS versions can run on Server IoT 2022; these are the only v14 releases for which these models are compatible. Refer to KBA NK-1900-0775 for more information on operating systems for v14.x.

[2]1.2TB SAS Hard Disk Drives shipped with orders placed early to mid-November 2025 or later. Earlier orders shipped with 600GB drives. Check service tag on **www.dell.com/support** to confirm shipped hard drives.

[3]iDRAC Enterprise shipped with orders placed Oct. 1, 2024 or later. Check service tag on **www.dell.com/support** to confirm shipped license.

Independent DeltaV Domain Controller Rack Server [based on Dell PowerEdge R360 server]			
Model Number	**Operating System**	**DeltaV Compatibility**	**Warranty**
SE2724C01	See information below*	v14.x MultiOS[1], v15.LTS and newer	5 year

- 1U rack-mountable chassis
- Intel Xeon E-2434 3.4G, 4C/8T, 8M Cache, Turbo, HT (55W) DDR5-4800 processor
- Two 1.2TB[2] SAS hard drives, hot pluggable set up in a RAID 1 configuration
- Memory: 16GB
- 4 Ethernet ports
- 4 USB ports – rear: 1 USB 3.2 Gen 1, 1 USB 2.0 and front: 1 Micro-AB USB for iDRAC connection, 1 USB 2.0
- Redundant, hot-pluggable, 600W power supplies
- USB mouse (2 button w/ scroll)
- Local USB country keyboard
- 2 Local power cables
- Dimensions
  - Height 42.8 mm (1.68 inches)
  - Width 482 mm (18.97 inches)
  - Depth 585.3 mm (23.04 inches) without bezel / 598.9 mm (23.57 inches) with bezel
- Environmental (for additional information about environmental specifications, refer to the *Product Environmental Datasheet* located with the Documentation on **www.dell.com/support/home**)
  - Vibration: 0.21 Grms at 5 Hz to 500 Hz (all operation orientations) / 1.88 Grms at 10 Hz to 500 Hz for 15 minutes in storage
  - Shock: 6 shock pulses of 6 G for up to 11ms during operation / 6 shock pulses of 71 G for up to 2ms in storage
  - Temperature: 10-35°C (50-95°F) ASHRAE A2 continuous operation, not in direct sunlight / -40 to 65°C (-104 to 149°F) in storage
  - Relative humidity: 8% with minimum dew point -12°C (10.4°F) to 80% with 21°C (69.8°F) maximum dew point, ASHRAE A2 continuous operation / 5-95% with 27°C (80.6°F) maximum dew point in storage
- *SE2724C01 is delivered with Windows Server 2025 which can be downgraded (at no additional cost) to Windows Server 2022 Standard Edition for use with DeltaV v14.LTS MultiOS and v15.x. Operating system can be kept at Server 2025 for use with DeltaV v16.LTS. Downgrade media for Windows Server 2022 can be found on the Dell Digital Locker or use the trial version found on the Microsoft website. The trial version media has full functionality once the license code is entered
- License includes 5 User CALs

[1]DeltaV v14.LTS and v14.FP-Japanese MultiOS versions can run on Server IoT 2022; these are the only v14 releases for which these models are compatible. Refer to KBA NK-1900-0775 for more information on operating systems for v14.x.

[2]1.2TB SAS Hard Disk Drives shipped with orders placed Nov. 10, 2025 or later. Earlier orders shipped with 600GB drives. Check service tag on **www.dell.com/support** to confirm shipped hard drives.

Information on Windows IoT Operating Systems

Windows IoT (formerly called Windows Embedded) is a version of the Windows Operating systems specifically created and licensed for vendors who are purchasing the operating system for resale as part of a solution such as DeltaV DCS.

The DeltaV computers listed in this data sheet that use the Windows IoT operating system license must only be used for DeltaV application related tasks. These computers may not be purchased for use as a general-purpose computer or used for applications where DeltaV or DeltaV related tasks are not primary use for the computer.

Use of KVM (Keyboard, Video, and Mouse) extenders and switches on DeltaV Workstations

Only the specific KVM products listed in the DeltaV Alliance program are supported with DeltaV. Please note the video card information on the workstation computers. The video output connectors have changed and special adaptors must be used [that may not be supplied] or new KVM equipment may have to be obtained to use these computers in existing systems where KVMs are installed. These computers no longer have VGA connectors and the use of VGA adaptors may not be supported by existing KVM devices.

Information on Upgrading Operating Systems

Each computer model ordered through Emerson is shipped with a specific operating system. In some, but not all cases, these computers can be upgraded to the next operating system that is compatible with DeltaV. For example, many servers shipped with Server 2016 can be upgraded to Server IoT 2022. The operating system upgrade is via an upgrade kit offered by Emerson, which includes all the appropriate Microsoft licenses needed for the next version of operating system. Please contact your local Emerson service office to inquire if your existing computers are eligible and have upgrade kits available to run the latest operating system.

Computer Ordering Information

Ordering numbers are listed in the sections above. These specifications are subject to change without notice. Computers sold for use with the DeltaV system meet hardware specifications needed to support DeltaV solutions. We do not guarantee that the hardware specifications of the computers will remain unchanged during the sales life of a specific DeltaV SE ordering number.

The DeltaV Workstation and Server specifications provided in this data sheet describe the products sold by Emerson for use with DeltaV Control Systems. These specifications are not provided to allow users to purchase similar computers directly from Dell or other PC vendors. The DeltaV system is supported only on the specific Dell computer configurations specified in this document and sold from our pricebook. The DeltaV system is not supported on other Dell computers or other computer configurations or on non-Dell computers unless specifically noted otherwise. Any use of non-supported computers will affect our ability to provide technical support and will involve additional costs for technical support.

This PDS only provides specifications for DeltaV specific options that can vary from the standard Dell computer. So specifications for features that are built-in and not optional are not listed. If detailed information on the standard features of the computer is required, please refer to the Dell specifications.

***Note:** Hardware specifications of these computers especially as related to: size, backplane connection types (such as COM ports or P/S2 ports), number of slots, etc. are not guaranteed to be available on newer DeltaV workstations as these specifications can change from the vendor. It may not be possible to provide the same capabilities from one version of a DeltaV Workstation to a succeeding version.*

To order the computers in this document with specifications different than those listed requires a customer special configuration to be quoted by Emerson. Changing computer specification requires testing the new configuration for compatibility with DeltaV software.

Note about modifying DeltaV Workstation and Server Hardware Configurations

DeltaV workstations and servers sold by Emerson meet the hardware and operating system specifications for standard DeltaV applications. Contact Dell to order additional memory if needed. Memory from third-party vendors might not be supported. If additional Network Interface Cards (NICs) are required, they should be the same brand and type that is already installed in the computer. Additional NICs will need to be configured after installation. Contact your local Emerson office before making other hardware changes. Failure to consult with Emerson on hardware modifications, other than memory or NICs, may result in poor DeltaV performance and make it difficult to provide technical support for computers that have been modified.

Computer Considerations for Physical DeltaV™ Systems

DeltaV software runs on a specific configuration of supported computers. Project teams and other DeltaV users must decide what computers to use for each node on their DeltaV system. Because each system is unique – with different sizes and different applications running – there is not a prescribed computer for each application or node. This document outlines the key factors to consider when selecting the appropriate computer type for DeltaV nodes and applications in a physical (non-virtual) DeltaV system.

Specifications for available computers for physical DeltaV systems are found in this product datasheet. Statements in this section are subject to change over time. Please review this section and verify details of computers each time a new computer is being purchased.

Types of Computers

Server-Class Computers

Generally, server-class computers are going to offer the highest reliability. While exact server models change as computer vendors continuously update the server offerings to maintain current technology, the specific configurations that Emerson offers include two or more drives in a RAID configuration, as well as redundant power supplies. There is inherent longevity with servers, and they also have a warranty extension option on top of the standard warranty.

Workstation-Class Computers

Most of the computer nodes in a physical DeltaV system are going to be workstation-class computers. Workstations are optimized to act as the human-machine interface (HMI) for engineering and operations. With current technology, all the workstation options provide an equivalent level of performance.

If a rack-mounted chassis is preferred, options are the full-sized tower with a kit to enable rack mounting or the standard rack chassis. The tower chassis, installed on its side with the rack-mount kit is going to be a more cost-effective solution, but it will take up more room in the cabinet. If limiting the size is more important than cost, the standard rack-mount chassis should be selected.

Laptop

The laptop Computer option is offered for the Standalone DeltaV PK Controller offering. The Standalone DeltaV PK Controller solution might not have frequent changes. Therefore, the laptop can be used to download the configuration for a single or multiple standalone PK Controllers, then it can be removed from the network. Laptops are not frequently used for industrial systems. Therefore, computer vendors do not offer laptops with long sales life. Laptop offerings are expected to change models more frequently than other computer offerings.

Industrial Computers

Industrial computers provide specifications better suited for outdoor or process manufacturing skid needs (for example, higher temperature rating or hazardous area approval). These industrial computers can be “box” computers, where users attach monitors of their choosing or “panel” computers, where the monitor is part of the solution. The industrial computers run the same operating system as the workstations, and they can be considered in the same way as workstations.

Node Considerations

DeltaV systems contain one or more of the following node types: ProfessionalPLUS Station, Professional Station, Engineering Seat, Operator Station, Base Station, Application Station, Maintenance Station and PlantWeb Experience. Each node's type is based on the licenses acquired for it. Consult with your local Emerson office to ensure that the licenses and node types are compatible.

Computer selection for each computer node must consider the DeltaV system size. The DeltaV "system size" should be both the DST count as well as the DeltaV applications that will be used in the system (for example, a system for a batch process will run the Batch Executive, Batch Operator Interface, etc.) and the associated requirements for those applications. (Refer to the product data sheet for each DeltaV application being used in the system for specific computer requirements. See footnote[1] for system size delineation for this document.) In addition to system size, the function of the node must be accounted for when deciding on a computer for each node. For example, is remote access going to be needed, and for what purpose, is audio needed for alarming, is storage needed for historical data – all of these must be considered.

ProfessionalPLUS Station

Each DeltaV system must have one, and only one, ProfessionalPLUS Station. Many DeltaV users choose server-class computers for their ProfessionalPLUS node. DeltaV systems that have a large DST count, or the ProfessionalPLUS reliability is very critical, will benefit from the performance of a server-class computer. For small DeltaV systems (such as DeltaV Flex Systems), a ProfessionalPLUS Station might be the only computer node for the system. A server operating system is not required for the ProfessionalPLUS station.

Operator Stations

Most Operator Station nodes are workstation-class computers. Workstations are designed with frequent user interaction and use of operator graphics in mind. Server-class computers do not typically have audio output; therefore, servers are not typically used as a fulltime HMI.

Operator Station nodes could be used as the HMI for system operators monitoring and running the process. In this case, DeltaV Live is likely to be the main application running on the node. (DeltaV Operate is the legacy operator HMI application. Updating to DeltaV Live is highly recommended since DeltaV Operate will not be available after the DeltaV v16.LTS release.) Any available workstation option can run DeltaV Live for process operator use. All available workstation options have comparable performance with DeltaV Live. Considerations in this scenario will be cost, chassis type/size and need for a remote connection.

Application Station

Computer selection for Application Station nodes is going to be based on the software running on the node. A few DeltaV programs either require (e.g., Advanced Continuous Historian) or benefit from (e.g., a large Batch Executive) running on a server-class computer. There are also DeltaV programs that are recommended to run on their own application station. Refer to the product data sheet, Books Online and other documentation for each application, to determine what computer will meet the requirements.

Other Server Nodes

Interzone Servers and Remote Client Host Servers must be server-class computers.

Other References

- **DeltaV™ Engineering Tools**
- **DeltaV Batch Control and Recipe Management products**
- **DeltaV Advanced Continuous Historian**
- **DeltaV Live**
- **DeltaV PK Controller**
- **DeltaV Flex System**

[1]System size label by DST count for this document is small: <= 500 DSTs, medium: 501-2000 DSTs, large: 2001-5000 DSTs, very large: >5000 DSTs.

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