

# Windows Operating System Upgrade Kits



*The SE9201 Windows Operating System Upgrade kits provide easy O/S upgrades to support v11.3/11.3.1*

- Operating System images make upgrades easy and supportable by DeltaV™
- Installation does not require Microsoft Activation
- Ensures you have the proper O/S version and Microsoft licenses to support DeltaV
- Easy to order from DeltaV pricebook

## Introduction

The SE9201 Windows Upgrade kits provide all of the media and Microsoft O/S licenses required to upgrade existing supported DeltaV workstations running Windows XP and Server 2003 to Windows 7 and Server 2008.



## Benefits

**Easy and supportable upgrades.** The Upgrade kits use O/S images (rather than manual installation) to install the new operating system. Upgrades are done in minutes and, since the image provides the exact settings required for DeltaV, there is no need to spend time configuring the O/S after the install is complete.

**No Microsoft Activation Required.** The upgrade kits provide a Dell BIOS upgrade to allow the O/S install without the need to activate the new software. This saves time and effort in the upgrade process, as well as the possibility that an incomplete activation could render a workstation inoperable at a later date.

**Be sure you have the DeltaV supported O/S installed and the proper Windows license.**

The Emerson upgrade kit will ensure you have the correct Microsoft O/S we support (DeltaV is prevented from installing on unsupported operating systems). Our kits also ensure you have the correct Microsoft license needed to support the version of the O/S installed. So you do not have to worry about being non-compliant during a Microsoft license audit.

**Ordering the correct upgrade kit is easy.**

We make getting the correct O/S upgrade easy. You can order the upgrade kit direct from Emerson. This eliminates the cost and management involved with third party purchase orders on the project.

## Product Description

**Each SE9201 DeltaV upgrade kit contains:**

- Installation Pamphlet – on how to install the O/S image during the upgrade
- Microsoft Windows License Agreement
- Dell Computer BIOS Update on USB Drive – updates the Dell BIOS to allow the O/S upgrade to install without requiring activation with Microsoft
- Windows Operating System Upgrade DVD (O/S Install Image DVD) - used to upgrade the O/S.
- Windows Certificate of Authenticity – must be installed on the computer case
- Windows Multilingual User Interface (MUI) DVD –only required for DeltaV language support
- A 5 device Client Access License (CAL) pack (Server 2008 only) – upgrades the Server 2008 license to a total of 10 CALS

## Windows for Embedded Systems licensing

The SE9201 Windows O/S Upgrade kits are licensed using an Emerson Windows for Embedded Systems O/S licensing. This is a Microsoft Windows licensing agreement that is different from the Dell OEM licensing used previously. This licensing does change our supported operating systems. Windows 7 Professional and Server 2008 Standard Edition are still the supported O/S on DeltaV.

"Windows for Embedded Systems" 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 packaged solution such as DeltaV.

The only difference in the O/S software is the Windows licensing. The Emerson "Windows for Embedded Systems" O/S *software is exactly the same* as the software installed with the Dell OEM license. Users will see no operational difference in using the Windows for Embedded Systems O/S software.

The "Windows for Embedded Systems" license effectively changes the O/S licensing from a general purpose computer to a specific purpose computer. As specific purpose computers the DeltaV workstations using a Windows for Embedded Systems license have different license terms from a general purpose computer license.

**The Windows for Embedded Systems license introduces the following licensing requirements:**

- These upgrade kits using the Emerson "Windows for Embedded Systems" license must only be used to upgrade a DeltaV workstation and the workstation must remain connected to the DeltaV LAN during use. These upgrade kits may not be used to upgrade a general purpose computer or used on computers where DeltaV is not installed and DeltaV is not the primary use for the computer. If the computer where these upgrade kits are installed is retired from use in DeltaV a new O/S license and media must be obtained to repurpose the computer for other use.
- Because DeltaV must be installed, the initial install of the upgrade not complete until DeltaV is installed on the computer. Once DeltaV is installed the computer will operate as a normal DeltaV workstation
- Windows for Embedded Systems can only have the O/S installed using an image DVD. A restore image is included with each computer. A Windows O/S install DVD is not included. Any new install or reinstall of the operating system must be done using an image DVD and the O/S installed must match the version on the Microsoft Certificate of Authentication (COA) on the computer. An image of the computer for backup purposes and reinstall of this image on a properly licensed computer is permitted. The new/replacement computer must have a Windows for Embedded Systems license for the image to activate on the new hardware.

- Computers supplied with "Windows for Embedded Systems" licenses are licensed only for the operating system purchased with the upgrade kit and do not have "downgrade rights". Windows 7 and Server 2008 upgrade kits do not permit Windows XP or Server 2003 to be installed on the computer.
- See DeltaV KBA AK-1000-0144 for more information on installing these upgrade kits. (Access to KBA's requires secure login to the DeltaV Foundation Support database)

## Ordering Information

For computers that require an O/S upgrade to Windows 7 or Server 2008 the SE9201 Upgrade kits listed in the table below must be ordered. Please note that all v11.3.1 upgrades are required to use the upgrade kits listed below to upgrade the O/S. DeltaV will not provide support for O/S upgrades performed using Windows 7 or Server 2008 upgrade kits obtained from other sources.

These O/S upgrade kits use Windows for Embedded Systems licenses. Upgraded computers must follow the guidelines for Windows for Embedded Systems outlined above.

**These images contain licenses for Windows 7 or Server 2008. You must order an upgrade kit for EVERY computer that will be upgraded. A new operating system license is required for every computer.**

Ordering Number	Description
SE9201T01	Dell T3400 Windows Upgrade Kit - Upgrades Windows XP Operating System to Windows 7. Includes Multi-lingual User Interface DVD.
SE9201T02	Dell T3500 Windows Upgrade Kit - Upgrades Windows XP Operating System to Windows 7. Includes Multi-lingual User Interface DVD.
SE9201T03	Dell R5400 Windows Upgrade Kit - Upgrades Windows XP Operating System to Windows 7. Includes Multi-lingual User Interface DVD.
SE9201T04	Dell OptiPlex 760 Windows Upgrade Kit - Upgrades Windows XP Operating System to Windows 7. Includes Multi-lingual User Interface DVD.
SE9201T05	Dell PowerEdge 2900/2950 Upgrade Kit - Upgrades Server 2003 Operating System to Server 2008. Includes Operating System Media, End-User License Agreement and License for 5 Additional Device CALs.
SE9201T06	Dell OptiPlex 755 Windows Upgrade Kit - Upgrades Windows XP Operating System to Windows 7. Includes Multi-lingual User Interface DVD.
In addition to the above, we are now able to provide Windows 7 O/S upgrade kits for computers that originally shipped with Windows XP Embedded O/S license. The new SE9201Exx upgrade kits are required if your computer's Microsoft license says: "Windows XP Pro for Embedded Systems"	
Emerson Process Management is able to provide SE9201Exx Windows 7 O/S Upgrade Kits for the following list of hardware, as defined by the VE# in the list below.	
SE9201E07	Precision T350 w/ ATI FirePro V3750 or V4800 video cards. VE2549, VE2550

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Ordering Number	Description
SE9201E08	Precision R5400 Dual Monitor VE2547
SE9201E09	Precision R5500 Dual Monitor VE2552
SE9201E10	OptiPlex 780DT VE2548
SE9201E11	OptiPlex 790DT VE2551
<b>Note:</b> All SE9201Exx Upgrade Kits <u>do not</u> include the “Dell Computer Embedded BIOS Updates (USB drive key computers originally shipped with an Embedded BIOS.	

**Note for customers who want to install Windows 7 or Windows Server 2008 on an earlier PC model not listed above** At this time, Emerson Process Management is restricted from providing a licensed O/S reinstallation or image restore disk for PCs other than those listed above. We are also not able to resell Windows 7 or Server 2008 OEM O/S licenses separately. Customers should purchase a valid Windows license and O/S media disk or obtain licenses and O/S Media from their IT departments.

## Related Products

### Not Supported Products

- These upgrade kits are designed to be installed only on computers originally purchased from Emerson. As they install using O/S images and do not contain a Windows install DVD installation on other computers requires the manual installation of unsupported hardware drivers.
- DeltaV is not restricted to only install on Windows for Embedded Systems. For training, demo, engineering systems, and other non-runtime installation DeltaV can be installed on any installation of the supported Windows 7 and Server 2008 O/S. A KBA provides instructions for installing DeltaV in these non-mission critical applications.

## Prerequisites

- See the whitepaper “*DeltaV v11 Supported Computers*” for more information on what computers are supported with these upgrade kits and details on upgrading installed computers.

To locate a sales office near you, visit our website at:

[www.EmersonProcess.com/DeltaV](http://www.EmersonProcess.com/DeltaV)

Or call us at:

Asia Pacific: 65.6777.8211

Europe, Middle East: 41.41.768.6111

North America, Latin America: +1 800.833.8314 or  
+1 512.832.3774

For large power, water, and wastewater applications

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