

Dual Monitor Workstation

- Expands the usable screen space for a single operator
- Optimizes DeltaV™ Operate for efficient use of the larger screen area
- Easy to configure using standard operator station graphic tools

Introduction

Are your operators able to easily see all of the process information? Tired of having to purchase another PC to be able to view applications such as historical trending without obscuring the operator display?

The DeltaV™ Dual Monitor Workstation offers a larger viewing area, driven from a single keyboard and mouse. Spatial placement of the applications allows the user to quickly locate and use the appropriate application.

Each monitor can display a main graphic picture, while faceplates and other “pop-up” pictures can be relocated to any monitor screen. The Dual Monitor Workstation is ready to use right out of the box. Included with DeltaV Operate, the Dual Monitor Workstation can easily use your existing displays to facilitate your operators’ use of the additional monitors.

Benefits

Expands the number of applications visible to a single operator. You can easily define the monitor functions to match your operational philosophy. For example, you can dedicate one screen area for an overview display or the entire screen area to process graphics. You can also use one screen area for other applications such as a DeltaV History View.

Expands the usable screen space for a single operator. The DeltaV Dual Monitor Workstation provides more screen space for a single operator to view process information. This means not having to purchase another workstation, or forcing the operator to work on a smaller viewing area which does not provide him with the optimal amount of information to efficiently operate the process.



Run your Operator Interface using more screen area, driven from a single keyboard and mouse. Expands the number of applications visible to a single operator

You can use either widescreen or standard screen monitors to expand the viewing space.

Optimizes DeltaV Operate for efficient use of the larger screen area. Display layouts are predefined to make setup a snap. The larger screen area acts just like a smaller screen, so no special operator training is required. An operator can simply select a faceplate or other window and drag it to another screen area on a different monitor, if desired. Any process graphic can be opened on any screen. Operators can easily swap displays among screens. Workstations can be configured to start up with a predefined set of user displays so the workstation monitors can quickly be reset to a preconfigured set of displays at any time. Operators may individually control the display navigation on each monitor. Alternatively, navigation for both monitors can be managed from a one monitor. The monitors act as a single large screen which allows the mouse to move easily between monitors.

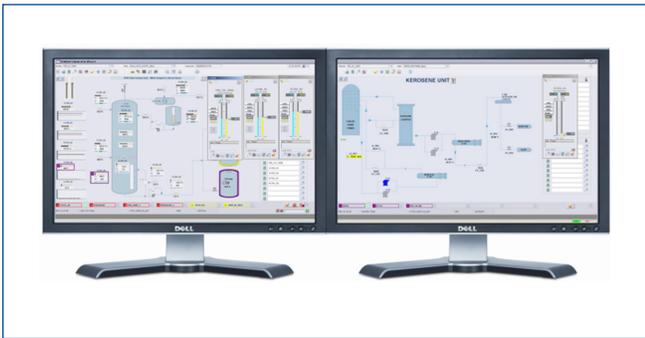
Easy to configure using standard operator station graphic tools. There’s no need to learn a new display configuration method. The Dual Monitor Workstation is configured using the standard DeltaV display configuration and display navigation tools. Display dynamos and standard display layouts aid in the development of the operator interface. This allows you to easily take advantage of the additional screens.



Product Description

The DeltaV Dual Monitor Workstation is included with DeltaV Operate. The operator's ease of access can be enhanced with the addition of touchscreens. (Touch only supported using direct cable connections between PC and monitors. Touch screens not supported via KVM extenders)

The two monitors act as one large monitor, providing a larger contiguous screen area for the operator. They can be positioned either horizontally or vertically as shown below. No matter which monitor arrangement selected, the user can move the cursor across the monitors as if they were a single monitor. Windows can be easily positioned across the monitors, just as they are moved on a single monitor.

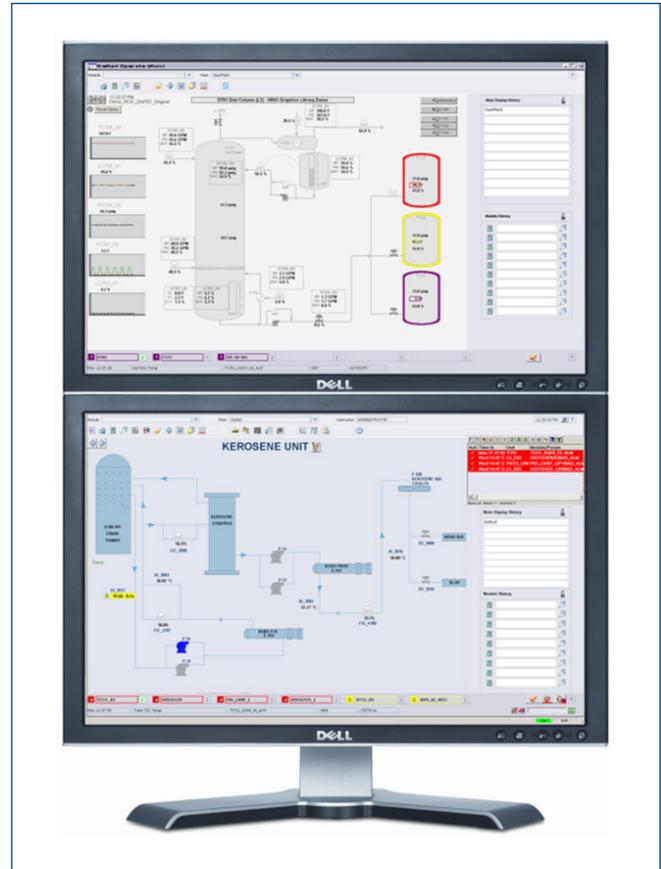


Dual screens provide more screen area for viewing multiple faceplates.

The DeltaV Dual Monitor workstation supports both widescreen (1680x1050) and traditional format (1280x1024, 1024x768) monitors. In order to maintain visual integrity, both monitors must be set to the same resolution.

The DeltaV Dual Monitor workstation is ready to go without requiring any changes to the out-of-the-box behavior. However, if the default arrangement of displays does not meet your operational needs, the DeltaV Dual Monitor Workstation supports user-configurable layouts which allow you to customize the position of your displays. One or both monitors can be dedicated to DeltaV Operate.

When a single monitor is dedicated to DeltaV Operate, DeltaV Operate behaves the same as a DeltaV Operate screen on a single monitor workstation. Faceplates and other pop-up displays may be defined to launch on the second monitor. Additionally, the second monitor can be used to view other applications without obscuring the operator process graphics.

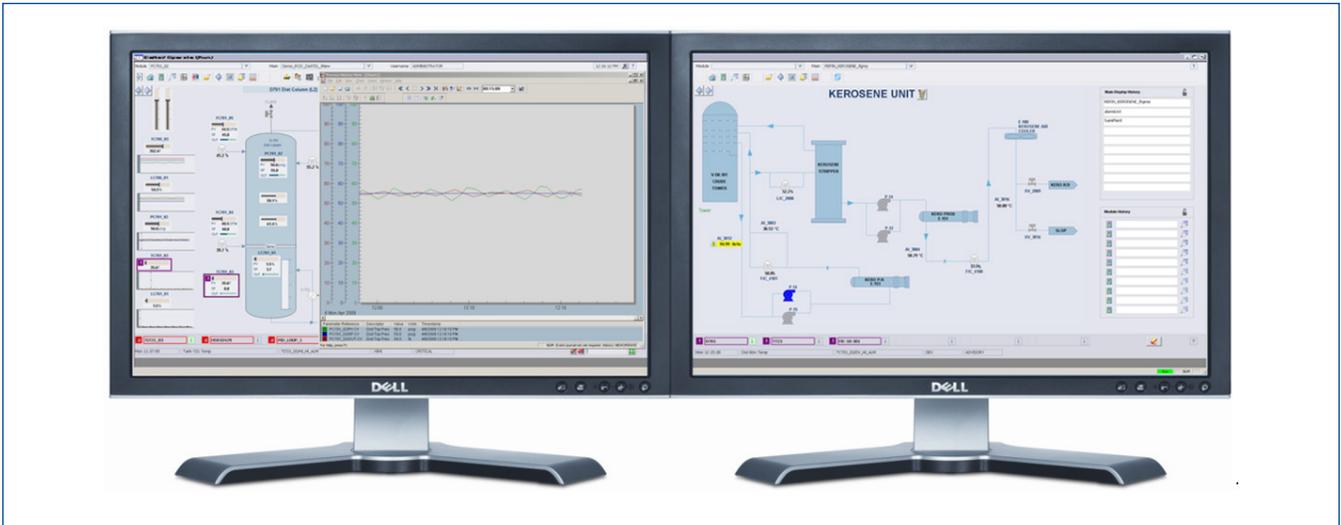


Monitors can also be mounted vertically with the cursor movement set to allow the mouse to move the pointer vertically to access the upper screen.

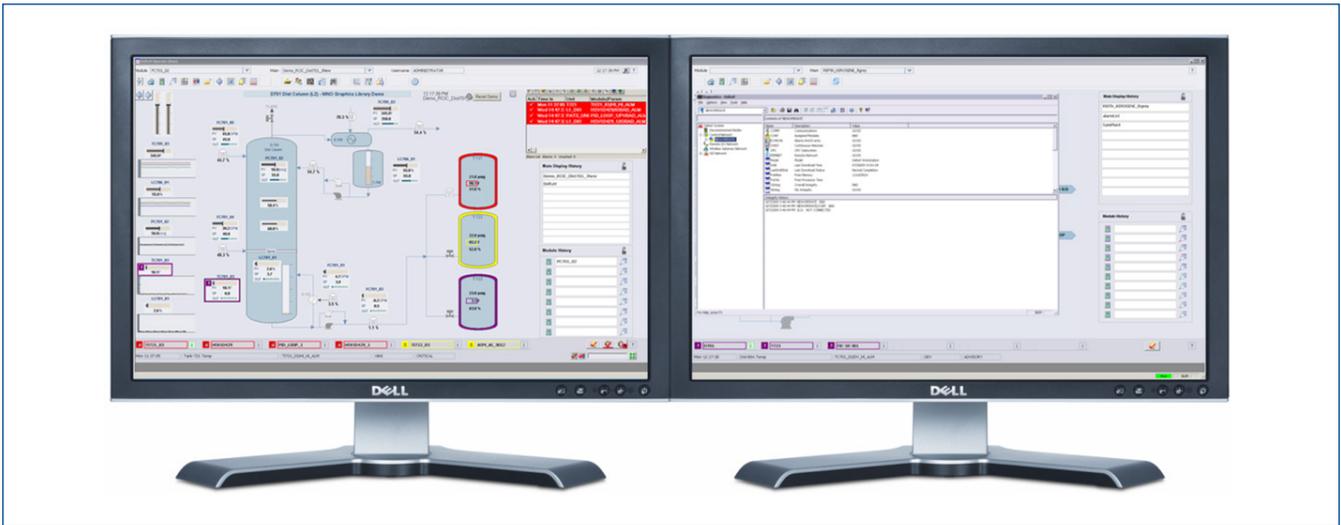
When both monitors are dedicated to DeltaV Operate, the purpose of each screen is user-definable. Both screens support a toolbar, alarm banner area and main display. The larger screen area supports an alarm banner showing the top 10 process alarms on traditional monitors and 12 process alarms on widescreen monitors.

The toolbar, alarm banner area, and initial display selection can be defined for each monitor. Both monitors can be defined for process graphic displays, or one monitor can be defined to have an overview display or alarm summary display.

A user may select a button which will change the display on the current screen or on the other screen. For example, a user can select a location on the plant overview which calls up the corresponding display on the other screen. DeltaV allows the user to completely customize DeltaV Operate in order to match their operational needs.



View process trends without obscuring operating displays.



View diagnostics or Control Studio while keeping operating displays in full view. Displays can be exchanged between screens with a single mouse click.

Ordering Information

Description	Model Number
Dual Monitor	Included with DeltaV Operate

Related Products

- **DeltaV Operate.** High performance operator graphics, trends and alarms offered in standard operating layouts and utilizing system-wide built-in security.

Related Hardware Products

- **DeltaV Workstation Hardware** Select from a variety of PC and server hardware, tested and preloaded with DeltaV software.
- **DeltaV Operator Keyboard.** Flexible, custom, dedicated operator touch screen keyboard for DeltaV workstations. (Requires 3 or 4 monitors)
- **Touchscreen.** Allows displays to interact directly to operators' touch. Touch screen not supported with KVM extenders. Touch requires direct cable connections between PC and monitors.

Prerequisites

- DeltaV Operate Software is required

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