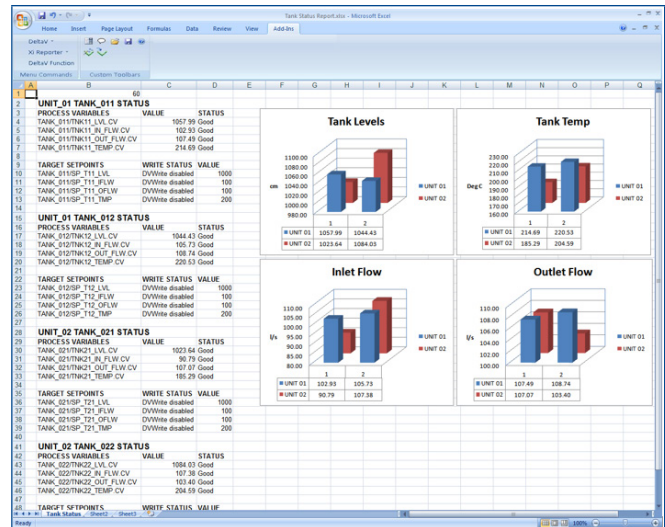


# DeltaV™ Excel Add-in

- Offers fast, familiar data access
- Built to OPC standards
- Delivers powerful reporting and analysis



Use DeltaV™ Excel Add-in to easily browse and add real-time DeltaV data into your Microsoft Excel spreadsheet.

## Introduction

In today's process industry you need comprehensive access to your system information at a moment's notice. And you need a tool that operators, engineers, and managers can use. The focus has to be on problem-solving, not learning to use a new tool.

That's why Emerson Process Management designed DeltaV™ Excel Add-in. Using the power of Microsoft Excel, you can read and write real-time data from your DeltaV process system.

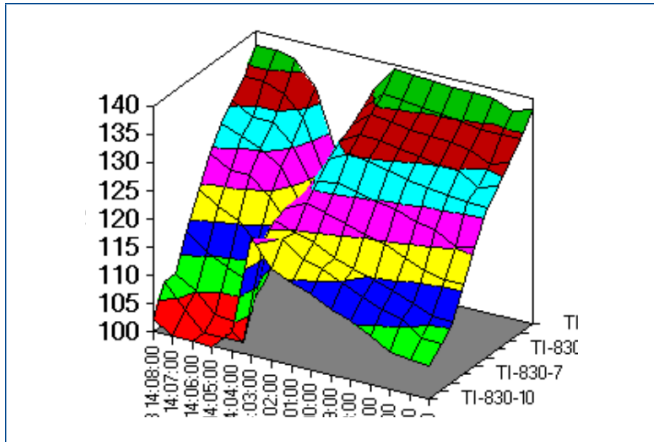
The DeltaV Excel Add-in allows you to get the specifics of process data, events, and diagnostics and use the easy, familiar, and proven features of Excel to generate reports, create charts, and customize tasks.

## Benefits

**Offers Fast, Familiar, Data Access.** The DeltaV Excel Add-in has the look and feel of Microsoft Excel. Use the familiar spreadsheet environment to access process data, alarm and event data, as well as diagnostics and engineering data. The DeltaV Excel Add-in provides read and write access to all DeltaV real-time data.

Simply point and click to browse and access system data and link it into your Excel spreadsheet.

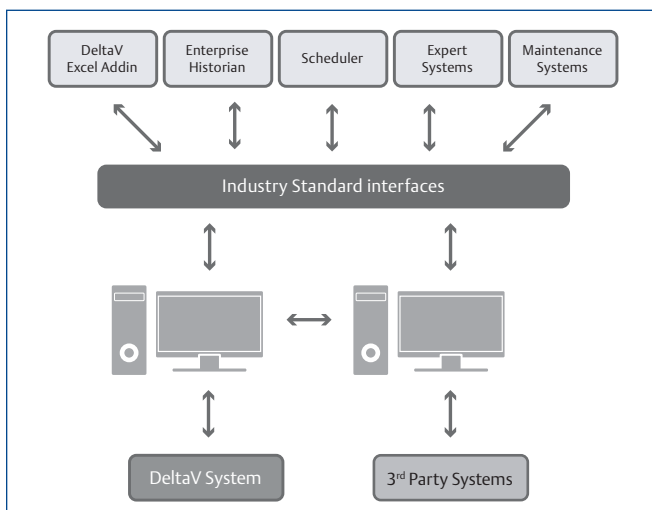
Whether you are a plant engineer, operator, or manager, DeltaV Excel Add-in is an easy-to-use tool for all plant personnel.



Create 3-dimensional charts and graphs.

**Built To OPC Standards.** The DeltaV Excel Add-in is an OPC client that supports the OPC Data Access standard v1.0 and v2.0 for real-time data access. The DeltaV Excel Add-in has access to all DeltaV real-time data that is available on the DeltaV workstation. Using the DeltaV OPC Server and OPC Mirror client, data can be collected from multiple DeltaV systems or from other OPC-enabled process and control systems and integrated in the DeltaV Excel Add-in.

The DeltaV Excel Add-in also supports Microsoft’s OLE and XML data integration features available with Excel. So you can integrate DeltaV system data with your enterprise application data quicker and easier than ever.



DeltaV Excel Add-in fits into your plant-wide information strategy.

**Delivers Powerful Reporting And Analysis.** Use the power that comes standard with Microsoft Excel to build information-packed charts.

Whether it’s an operational calculation such as process conversion efficiency or an analytical calculation such as mass balance, the combination of DeltaV system data and Excel makes calculating as easy as 2 + 2.

Does putting together weekly reports redefine “tedious”? With the DeltaV Excel Ad-in, reports can be quickly developed right on your desktop.

## Product Description

The DeltaV Excel Add-in installs into the Microsoft Excel environment. To access the DeltaV Excel Add-in, go to Tools/Add-ins on the Excel menu bar and browse to the DeltaV Excel Add-in located in the DeltaV\Excel directory on the workstation.

The DeltaV Excel Add-in Function Wizard is modeled after the standard Excel Function Wizard. It guides you through specifying a dynamic update rate and browsing available process, alarm, and diagnostic data. There are separate wizards for reading and writing data.

The DeltaV Excel Add-in runs on the DeltaV workstation and connects to the local DeltaV OPC Data Access Server for access to all DeltaV real-time data on the workstation. The DeltaV Excel Add-in has access of up to 500 OPC items simultaneously.

If you need split-second data updates, you need the DeltaV Excel Add-in. Once the data is dynamically linked into a particular Excel cell, the live data will continue to update automatically based on changes in the operating process. The integrity of a particular piece of data can also be determined through the use of a quality status indicator.

DeltaV Add-in security mechanisms allow information and calculated values to be written back into the system. This security scheme enables administrators to set up users as read-only, read-only remote/operate locally, or other combinations to meet the users’ requirements.

With Excel’s powerful VBA scripting language, daily tasks can be as easy as pushing a button.

Do you need a report that contains both real-time and historical data? No problem! The DeltaV Excel Add-in is compatible with DeltaV Reporter, enabling you to create reports that contain real-time and historical data. The DeltaV Reporter is another Excel-based reporting tool that

is provided with the DeltaV Continuous Historian and Event Chronicle. With the DeltaV Reporter, you can easily add historical process data and historical alarm and event data into the same spreadsheet as the DeltaV Excel Addin.

## Ordering Information

Description	Model Number
DeltaV Excel Add-in	VE2141

*The DeltaV Excel Add-in can be assigned to any DeltaV workstation type, enabling access to 500 items on the OPC Data Access Server. For Professional Plus and Application Stations the DeltaV Excel Add-in and the DeltaV OPC Data Access Server licenses are mutually exclusive (i.e. these licenses cannot reside on the same workstation). The DeltaV Excel Add-in license includes a 500 item OPC Data Access Server license and the OPC Data Access Server license includes the DeltaV Excel Add-in functionality. If the OPC Data Access Server license is used to provide the DeltaV Excel Add-in functionality, the DeltaV Excel Add-in has access to all the OPC items available in the OPC Data Access Server license (e.g. 250 items on the Professional Plus and up to 30,000 items on the Application Station).*

## Related Products

- DeltaV OPC Data Access Server.** Supporting sustained communication rates of up to 30,000 real-time values per second, the DeltaV OPC Data Server delivers fast, secure, reliable communications to client applications anywhere on your network. Scalable on the Application Station from 250 to 30,000 data values.
- OPC Mirror.** Transfers thousands of values back and forth between your DeltaV system and other OPC - compliant systems.
- DeltaV Continuous Historian.** Captures up to 250 analog, discrete and text parameters along with their status and stores them for future analysis. Optionally scalable up to 30,250 parameters on the Application Station.

- Event Chronicle.** Captures process, system and user alarms and events and stores them in a Microsoft SQL Server database.
- DeltaV Reporter.** View, analyze and report historical process and alarm and event data from the DeltaV Continuous Historian and Event Chronicle in your copy of Microsoft Excel.

## Prerequisites

- A DeltaV workstation.
- A copy of Microsoft Excel on the DeltaV workstation (provided by others). Refer to DeltaV system documentation for the compatible version of Microsoft Excel.

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