Diagnostics Explorer
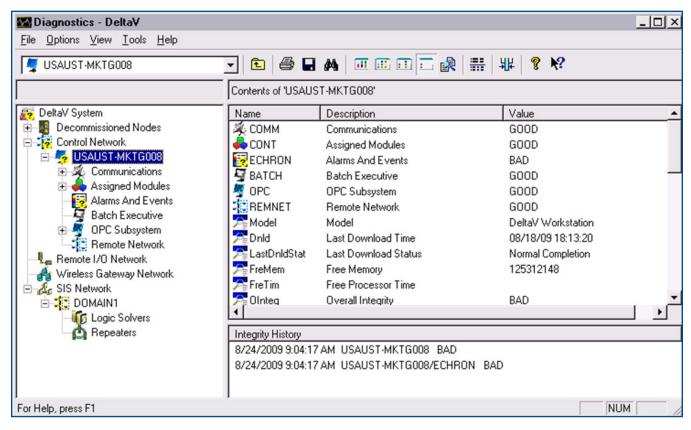

The DeltaV™ Diagnostics Explorer makes system-wide diagnostics easy.

- Easy to learn, easy to use
- Complete system-wide diagnostics
- Easy remote troubleshooting

Introduction

Running diagnostics on your process automation system (PAS) or safety instrumented system (SIS) should be as easy as navigating through directories on your PC. Now, with DeltaV Diagnostics Explorer, it is.

Benefits

Easy to learn, easy to use

Standard Windows Explorer look and feel. If you are familiar with the Windows Explorer, then you already know how to navigate in DeltaV Diagnostics Explorer.

No longer do you have to remember which diagnostics package to use or how to work each package. This is especially critical when the plant operation depends on immediate diagnosis of the situation.

![DeltaV logo]

![EMERSON logo]

DeltaV Diagnostics Explorer provides *system-wide (PAS and SIS), device-deep diagnostics.* Whether you are trying to quickly check control network communications, verify controller or logic solver redundancy, or *look inside a smart field device*, DeltaV Diagnostics Explorer is the tool that gets to the right information quickly—and easily.

Real-time diagnostic event logging. Diagnostic events are captured and logged as they happen so that you have a complete diagnostics history to help you rapidly determine the state of your DeltaV system.

The DeltaV Diagnostic Explorer Find function takes you right to the source of any diagnostic event.

Repeating Find takes you to the next diagnostic event.

Complete, system-wide diagnostics

Across the control network, SIS network and beyond. From any DeltaV workstation on the control network or any Remote Workstation you can view any other node across the control network, whether it's another workstation or controller. Easily inspect summary statuses, detailed device integrity, and communication information.
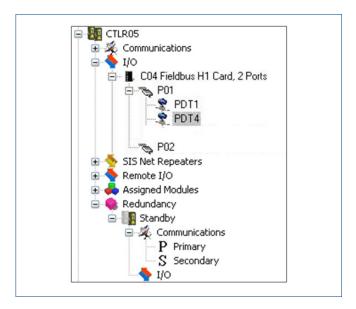
Wide array of diagnostics information available. Quickly know the status of your DeltaV workstations, DeltaV Control Network, DeltaV Controller, Logic Solvers and I/O subsystem. Module and revision information is readily available for the controller and all I/O subsystems, including bus type I/O.

Smart device diagnostics. Taking advantage of smart field devices, DeltaV Diagnostics Explorer lets you look at internal device diagnostics–all from your desktop.

Easy remote troubleshooting

Remote diagnostics. Emerson Automation Solutions is available for support and can remotely retrieve diagnostic data from the DeltaV system to provide troubleshooting assistance.

Multiple application access to diagnostics data. Whether you need to incorporate the diagnostic information in an operator graphic or serve the information out from the Real-Time Data Server to Excel on the plant desktop, the diagnostic information is easily accessible at the right place and time.

Device-level diagnostics at your fingertips.

Product Description

- **Standard Windows environment.** DeltaV Diagnostics Explorer has the same look and feel as the Microsoft® Windows Explorer. To access the diagnostics utility, click the diagnostics icon.

- **Diagnostic event logging.** DeltaV Diagnostics Explorer maintains an event log to track the history of diagnostic events while the application is running.

- **Hardware.** Get detailed integrity information on the controller, software revisions, CPU and memory usage, including information on the I/O subsystem. Diagnostics Explorer identifies failures to replaceable modules. Diagnostics are available down to the individual I/O module.

- **Software.** Real-time communication services, real-time data servers and the Event Chronicle journal all provide status information to DeltaV Diagnostics Explorer.

- **Communications.** Diagnostics Explorer determines network traffic across the control network. The DeltaV controllers maintain the status of information transmitted. Then, Diagnostics Explorer interrogates and displays it.

- **Remote workstation diagnostics.** Diagnostics Explorer is supported on Remote Workstations.

Ordering Information

* Diagnostics Explorer is a standard feature on all workstations. No additional license is required.

Prerequisites

- A DeltaV workstation, either local or remote.

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