

DeltaV™ Transition Solutions for Honeywell® Systems



Get on the path to a smart digital plant.

Your legacy automation investments have delivered significant value over the years. But with today's increasing global competition and rapid technology advancements, you may find it no longer provides a competitive edge. You need even higher performance from your process and better links between your process information and your business systems.

Today's technologies—digital busses, embedded advanced control, self-diagnosing

instrumentation, on-the-fly scalability, and plug-and-play business integration—deliver lower engineering, installation, and startup costs, plus ongoing operations and maintenance savings.

So how do you take advantage of today's performance-enhancing technologies without completely starting over? And, how do you get the maintenance cost savings associated with today's fully digital automation systems from your existing equipment?

The answer is easy

Transition your Honeywell® TotalPlant® Solution (TPS) system for the proven installation, engineering, operations, and maintenance savings provided by the PlantWeb® digital plant architecture.

Maximize Your Installed Investment



At its heart, the DeltaV™ digital automation system makes adding the PlantWeb network of predictive intelligence to your existing system easy.

Highlights of customer measurable results from thousands of PlantWeb installations worldwide include:

- 30% increase in capacity without additional personnel
- 10% increase in throughput
- 20% reduction in raw material usage
- 15% reduction in rework
- 50% reduction in maintenance costs with remote diagnostics
- New high-margin products not possible before
- Control room space requirement reduced as much as 85%
- Automation investment payback in less than 4 months.

Visit EasyDeltaV.com to see for yourself how companies have realized these results.



EMERSON™
Process Management

Paths to PlantWeb



DeltaV Connect™ for Honeywell Systems

The **DeltaV Connect™** for Honeywell Systems solution delivers all the benefits of the DeltaV system while retaining your Honeywell investments. And your operators have a common view into the process from the DeltaV Operator Stations.

Seamless integration

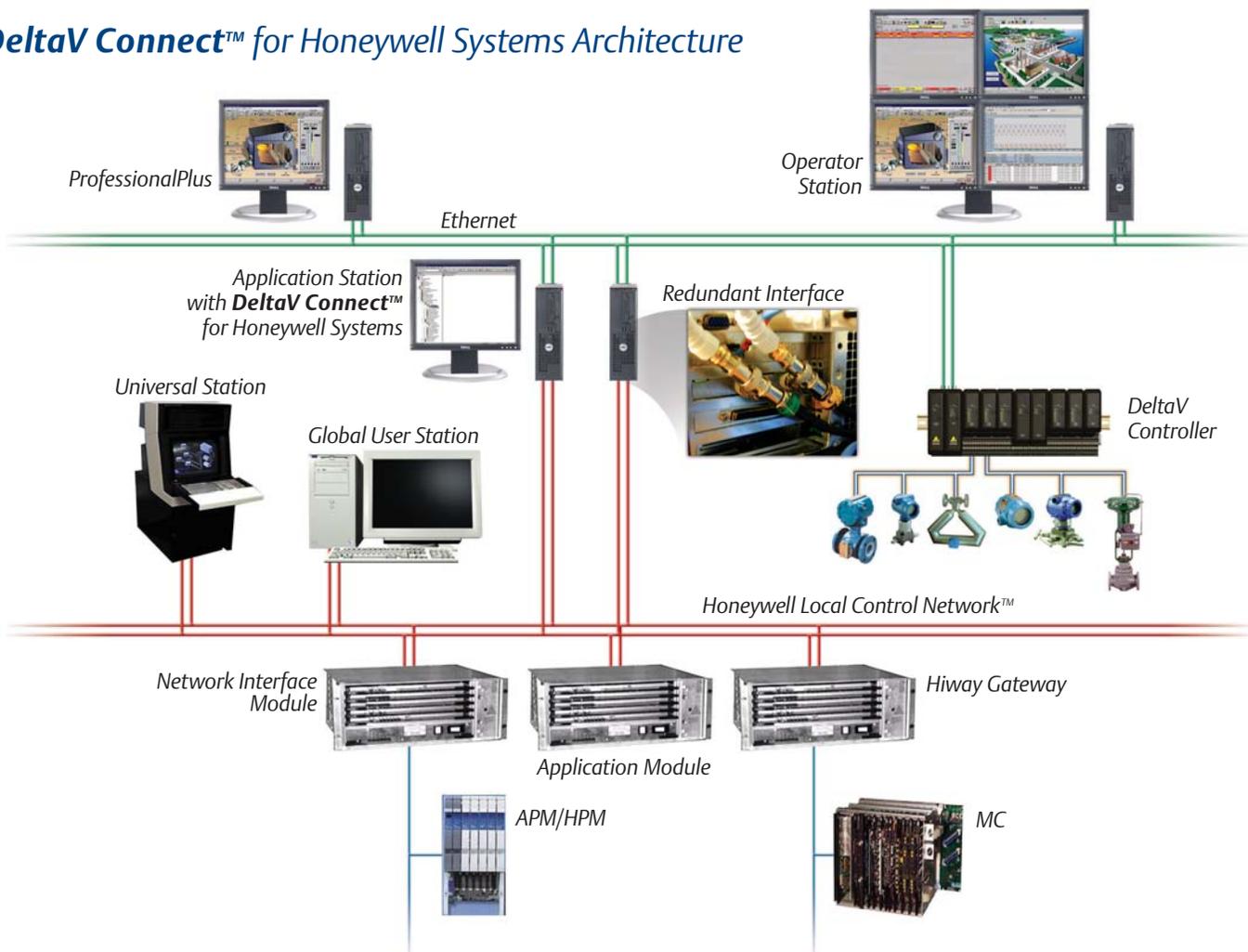
The **DeltaV Connect™** solution provides a pathway that seamlessly integrates with Honeywell Local Control Network™ (LCN) based systems. Honeywell data is incorporated into the DeltaV system so that Honeywell equipment becomes an extension of the DeltaV system. The DeltaV system treats Honeywell controller data as its own.

Improving your process with the digital plant architecture is easy.

Common enhanced operator view

Operators can monitor and control both the Honeywell and DeltaV equipment from common DeltaV Operator Stations. They can take advantage of today's digital technologies such as the latest Windows-based operator interface to increase operator effectiveness,

DeltaV Connect™ for Honeywell Systems Architecture

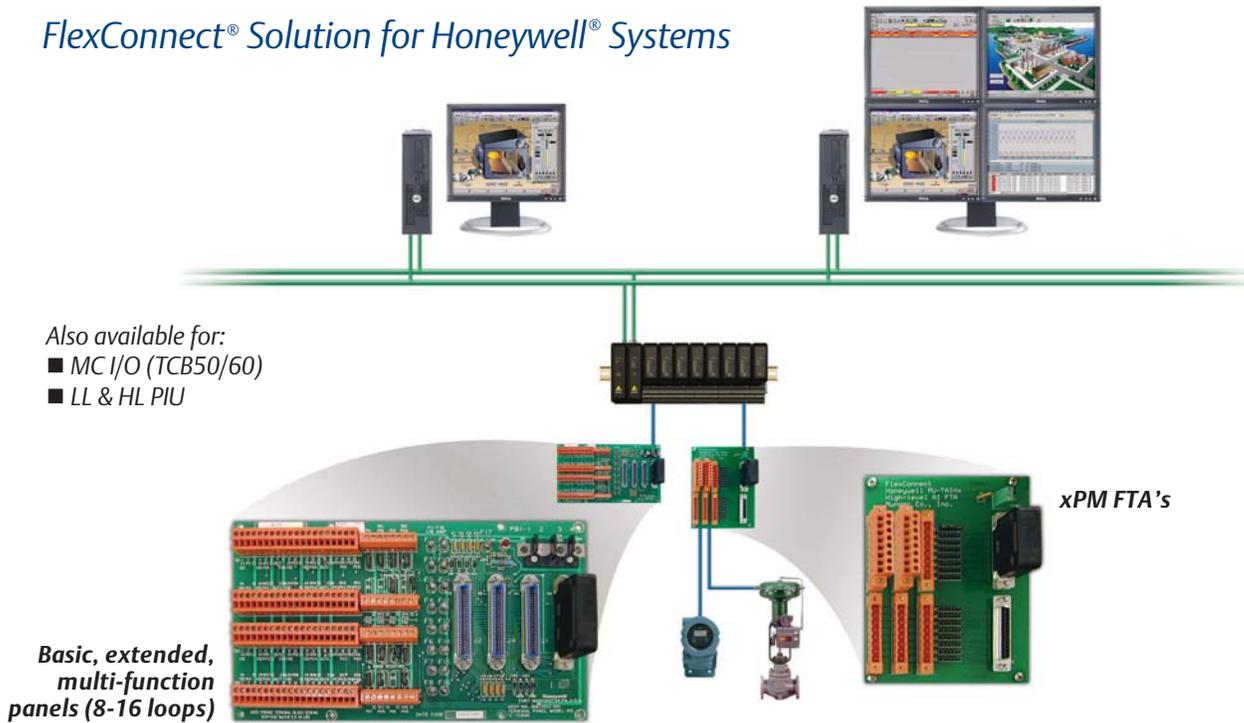


Transition at your own pace.

“We connected DeltaV with the Honeywell system for a major refiner and had them talking together in less than 30 minutes.”

–Diana Lin,
President of Lin & Associates, Inc.

FlexConnect® Solution for Honeywell® Systems



event reporting, history trending, and enhanced alarming. You can replace Honeywell consoles with DeltaV Operator Stations, or you can use DeltaV Operator Stations in conjunction with Honeywell consoles.

No downtime

The **DeltaV Connect™** solution can be implemented without disruption to plant operations. DeltaV Operator Stations can be added online and used side-by-side with existing Honeywell consoles while the process continues to run.

Upgrade or expand control at your pace

You can add DeltaV controllers at any time, and they can co-exist with the Honeywell system while allowing you to take advantage of

technologies such as predictive field device intelligence, embedded advanced control, and integrated asset management.

Easily integrate FOUNDATION fieldbus

With the **DeltaV Connect™** solution, FOUNDATION fieldbus and other digital busses such as HART, Profibus DP, DeviceNet and AS-i bus can be easily integrated with your existing Honeywell equipment.

FlexConnect® Solution Save panels, wiring, and uptime

As you replace and upgrade your Honeywell controllers and I/O with DeltaV components, the FlexConnect solution enables fast switchover while retaining your

termination panel and wiring investments.

FlexConnect products use existing Honeywell TPS field wiring terminations for the DeltaV system without lifting or removing wires.

The FlexConnect Solution:

- Saves your existing wiring investment
- Speeds startup by not disturbing field connections
- Reduces process downtime by 75% or more compared to rewiring.

Reduce risk with DeltaV Simulate

Verify engineering

With DeltaV Simulate, you can develop and fully test control strategies in an offline laptop or

desktop PC environment. You can verify all your DeltaV configurations before you migrate control from the Honeywell equipment.

Train operators

With DeltaV OTS (Operator Training Solution) you can train operators on actual plant configurations and pinpoint operational difficulties before your system is commissioned. Operators can get a head start on building confidence and experience with DeltaV functionality. You no longer have to support dedicated control hardware for training.

Maximize your engineering investments

Transfer engineering information

The DeltaV Bulk Edit function helps you import data files from your existing Honeywell system. This minimizes the engineering effort required to configure I/O cards, I/O channels, serial ports, and control modules. Bulk data may also be imported from an ODBC database table.

Conversion services

Conversion services for graphics,

database, and configurations are available to help minimize switching costs and reclaim the value of your Honeywell automation investments for use with the DeltaV system.



Transition expertise and experience

Emerson has a dedicated team of system transition specialists with broad experience in helping clients enhance and transition their Honeywell equipment to the DeltaV system and the PlantWeb architecture. From comprehensive System Life Planning studies that provide tailored transition plans and economic justifications to technical consultation on specific Honeywell transition solutions, our professionals are available to help and support you.

Number one in customer support

Emerson Process Management's global reach and local presence make it the consistent number one vote among automation professionals for SureServiceSM

customer service and support.

We offer a complete range of customer support solutions to meet your ongoing automation needs.

Contact us

Find out today how you can maximize your current automation system investment and take full advantage of the DeltaV system. For more information on Emerson DCS transition solutions visit www.EasyDeltaV.com/EasyConnect.

To locate an Emerson Process Management representative or sales office near you, visit www.EasyDeltaV.com/reach.asp or call: 1-888-PlantWeb.

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