

# DeltaV™ Migration Solutions for Honeywell® Systems



*Get on the  
path to a smart  
digital plant*

Honeywell TDC 2000® and TDC 3000® systems have provided excellent control for decades. However, many of their aging components have only used or no replacements available to users. Maintenance costs may outweigh benefits of keeping the legacy system. Bringing the legacy system software up to current revision is expensive and often requires hardware upgrades. Yet, coming current does not necessarily provide compelling new capabilities that help you advance beyond your competitors. How much profit is lost by delaying upgrades to the technologies that run your process?

Emerson redefined traditional systems migration by offering phased transition to the DeltaV system and services tailored to help you justify the investment in a smart digital plant.

Industry-leading migration solutions are available and can be implemented immediately, with no downtime. Emerson's solutions for Honeywell systems provide flexibility regarding which legacy components to keep and which to replace – and when.

Emerson offers tremendous expertise in all aspects of modernization projects including studies to help evaluate your baseline and allow our experts to draft an initial modernization plan that uncovers the best opportunities for improving your site's performance.

Today, introduce technologies that boost your competitive edge for years to come: digital busses, embedded advanced control, self-diagnosing instrumentation, on-the-fly scalability, wireless solutions, and plug-and-play business integration can deliver lower engineering, installation, and startup costs, while producing ongoing operations and maintenance savings.

*“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.

# Operate two systems with one Operator Station

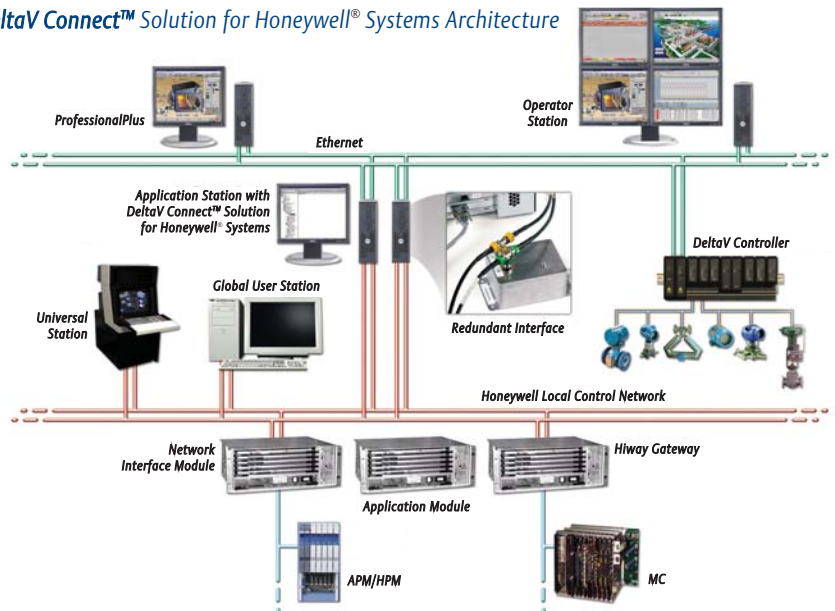
## DeltaV Connect™ Solution for Honeywell® Systems Architecture

### Product solutions

The DeltaV Connect™ Solution for Honeywell® Systems delivers all the benefits of the DeltaV system today, while using your existing Honeywell investments for a period of time, allowing you to migrate in phases to full DeltaV capabilities.

This solution provides DeltaV workstations as new Operator Stations working together with your existing Honeywell Local Control Network™ (LCN)-based system controllers and I/O. This solution provides seamless connection and easy replacement to your existing Operator Stations without requiring any modifications to your system.

At any time after installing and starting up this interface with no downtime, you may begin engineering DeltaV controllers and new I/O for a plant expansion or for a later controls migration project.



### Save panels and wiring

FlexConnect® solutions use existing Honeywell TPS field wiring terminations for the DeltaV system without lifting or removing wires. FlexConnect benefits:

- Saves existing wiring investment
- Speeds startup by not disturbing field connections
- Rewire-related process downtime reduced by 75% or more

### Conversion tools and services

Minimize risks & switching costs of converting graphics, database, and configurations to reclaim the value of your Honeywell automation investments for use with the DeltaV system.

Learn more about FlexConnect at [www.EasyDeltaV.com/Solutions/FlexConnect](http://www.EasyDeltaV.com/Solutions/FlexConnect)

Learn more about this solution and these services at [www.EasyDeltaV.com/Solutions/DCS](http://www.EasyDeltaV.com/Solutions/DCS)

Learn about other connection methods like OPC and Serial interfaces in the “Connectivity Options Between Honeywell and DeltaV Systems” whitepaper at [www.EasyDeltaV.com/pd/WP\\_tdctodeltav.pdf](http://www.EasyDeltaV.com/pd/WP_tdctodeltav.pdf)

### Contacts:

To locate a sales office near you, visit [www.emersonprocess.com/systems/reach/index.html](http://www.emersonprocess.com/systems/reach/index.html)

For large power, water, or wastewater applications, visit [www.emersonprocess-powerwater.com](http://www.emersonprocess-powerwater.com)

To learn more about Emerson migration capabilities, visit [www.emersonprocess.com/solutions/migration](http://www.emersonprocess.com/solutions/migration)



If you found this brochure valuable, we also recommend the following brochure:

- **Automation System Modernization** for your migration, project planning, design, and implementation needs.

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