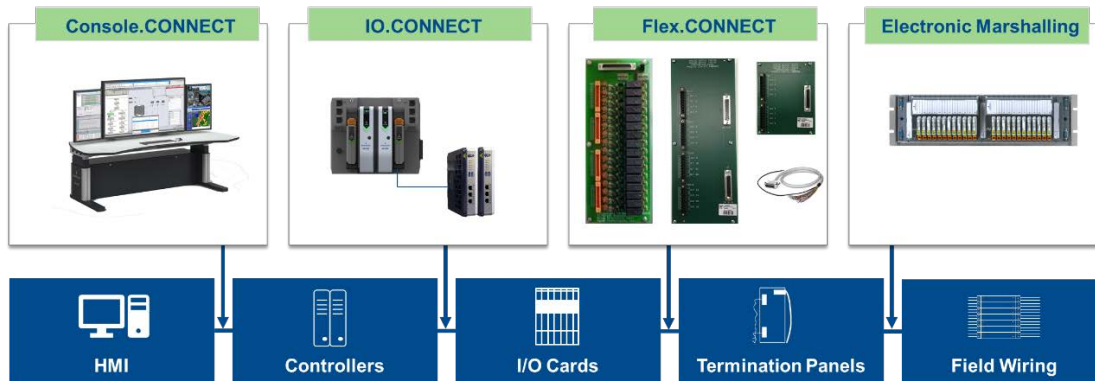


Modernize your Path to a Smart Digital Plant

DeltaV CONNECT for Honeywell TDC 3000



Emerson offers tremendous expertise and experience in all aspects of modernization projects. Our expertise help introduce technologies today that boost your competitive edge for years to come. Electronic Marshalling, embedded advanced control, self-diagnosing instrumentation, on-the-fly scalability, wireless solutions, digital busses and plug-and-play business integration can deliver lower engineering, installation, and startup costs, while producing ongoing operations and maintenance savings

Emerson's modernization studies help evaluate your baseline and allow our experts to draft an initial modernization plan that help deploy these technologies. Modernization studies also uncover the best opportunities for improving your site's performance and move you away from your legacy Honeywell control systems.

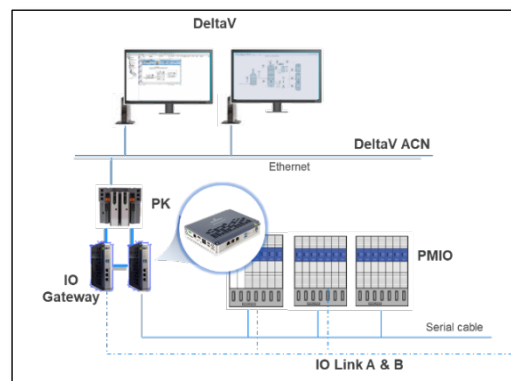
Honeywell® TDC 2000™ and TDC 3000™ systems have provided excellent control for decades. However, many of their aging components have only refurbished or no replacements available at all to users. Maintenance costs may outweigh benefits of keeping the legacy system. Bringing the legacy system software 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 modernization by offering phased transitions with the CONNECT suite of solutions for the DeltaV system, and services tailored to help you justify the investment in a smart digital plant.

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

Preserving your I/O Infrastructure

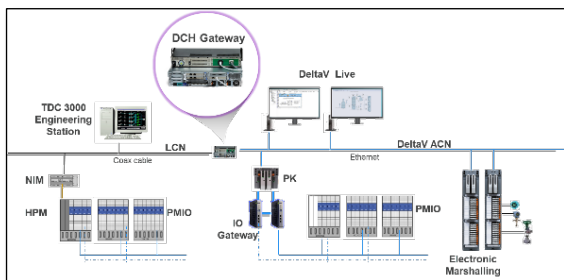
A significant portion of the DCS installed cost lies in the I/O, the associated documentation, and the labor to de-terminate and rewire when it comes to time to modernizing the system. With DeltaV IO.CONNECT, it is now possible to preserve the I/O investment by keeping the I/O in place until such time as they can be replaced with DeltaV I/O.



The DeltaV IO.CONNECT solution replaces the existing PM family of controllers and connects directly to the PMIO IOPs via the existing IO serial link connections. The DeltaV PK Controller using Ethernet I/P integrates the DeltaV IO.CONNECT into the DeltaV system..

Single Operator Interface

The DeltaV Console.CONNECT for Honeywell TDC 3000 Systems (DCH) is a software & hardware solution that enables "single piece of glass" operation of both DeltaV and Honeywell systems from DeltaV consoles and enjoy the high performance aspects of the DeltaV Live Operator Interface while replacing your existing Honeywell TDC 3000 equipment.



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.

No downtime is required, a seamless connection, and allows easy replacement of your existing operator stations without modifying your Honeywell system.

At any time after installing and starting up this interface, you may begin engineering DeltaV controllers and new I/O for plant expansions or for later controls modernization projects.

Save Wiring and Panel Space

Emerson's DeltaV Flex.CONNECT Solutions for Honeywell TDC 3000 System provide direct connection from Field Termination Assemblies (FTAs) to DeltaV I/O, using existing Honeywell field wiring terminations without lifting or removing field wires.



These solutions replace legacy FTAs that have aging, unreliable electronics with passive pass-through FTAs and new interconnecting cables.

With DeltaV Flex.CONNECT brings the following benefits:

- Preserves existing field wiring investment
- Faster startup without disturbing field connections
- Process downtime reduced by 75% or more.
- Extends system life by eliminating legacy FTAs
- Enables HART® signal pass through

Conversion Tools and Services

Emerson's REVAMP suite of software analysis tools minimizes risk and switching costs of converting the database, graphics and logic to reclaim the value of your Honeywell automation engineering investments for use with the new DeltaV system.

The tools read in the configuration, examine the contents, extract useful facts, and present findings. Put another way, the legacy control system configuration is fully documented, and analysis deliverables are created to support the Sales and Execution phases of a modernization project.

For the Honeywell TDC 3000 system, REVAMP captures the knowledge from past project experiences and analysis, and links to Emerson systems engineering tools that can provide up to 70% risk-free configuration conversion from the legacy knowledge base to the DeltaV system.

Learn More

Contact your local Emerson Sales representative to learn more about modernizing your Honeywell TDC 3000 Systems to the DeltaV system.

Contacts

To locate a sales office near you, visit:

www.emerson.com/en-us/automation/deltav

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