

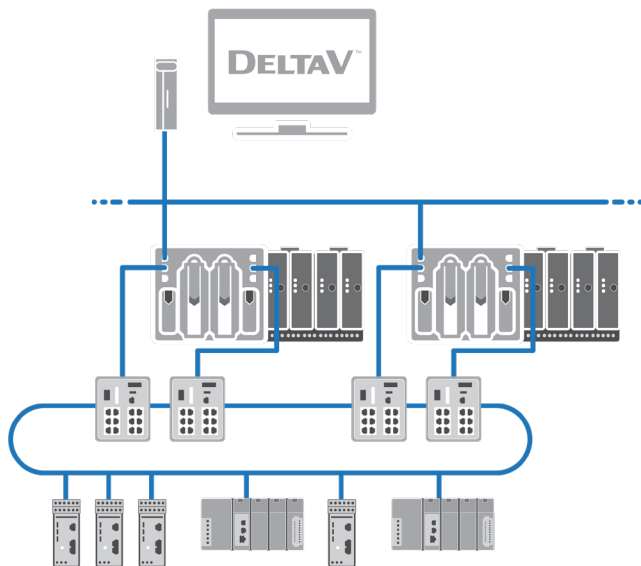
Version 15 Feature Pack 3 Updates

The DeltaV™ Version 15 Feature Pack 3 update empowers enterprises with greater reliability, efficiency, and flexibility. Enhanced automation minimizes downtime and boosts efficiency, while advanced training tools simplify upskilling for a more capable workforce. With continuous innovation, DeltaV keeps operations running smoothly and efficiently, now and into the future.

Seamless Data & I/O Connectivity

DeltaV PK Controller Now Supports PROFINET S2 Devices

The S2 PROFINET capability for PK Controller significantly reduces the switchover time compared to S1. In fact, when using a PK Controller connected to a device network that has only S2-capable devices, switchovers under normal operational conditions are expected to be bumpless. This is a significant improvement over S1-only and S1 and S2 mixed environments.



PK Controllers connected to a ring topology with Media Redundancy Protocol (MRP) where an MRP Switch is managing the ring.

Updated CIOC Limits for DeltaV PK Controller

Migration projects are often constrained by existing I/O cabling and cabinets, with a limit of four controllers per CIOC2 and 16 CIOC2s per controller. These restrictions can significantly drive up costs, as some I/O must be rewired to other cabinets, increasing engineering, wiring, and construction expenses while elevating overall project risk. This update expands system capacity, allowing one CIOC2 to support up to eight PK Controllers (previously limited to four) and one PK Controller to manage I/O from up to 32 CIOC2s (previously limited to 16).

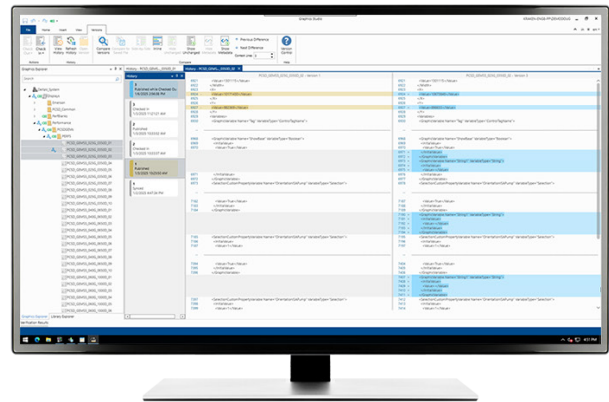
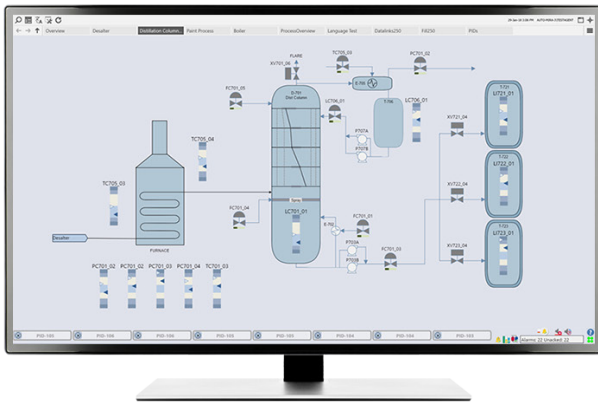
Evolving Field Connectivity with DeltaV Ethernet-APL

DeltaV Version 15 Feature Pack 3 now supports Ethernet-APL for PROFINET devices. This new technology leverages the high bandwidth of Ethernet for deployment in hazardous areas while providing increased power to field devices, transforming operations through intrinsically safe, high-speed communications for seamless data access.

Application Station OPC UA Client

In earlier versions, the OPC UA connection between the Application Station or ProfessionalPLUS Station with third-party equipment could only read string values. Now, the Application Station and ProfessionalPLUS' OPC UA Client can also write strings for Vendor Provided Equipment for easier management. This could include cases where there is a need for the system to communicate and transfer a batch ID number and/or recipe name.

Insight-Centric Applications & Operator Experience



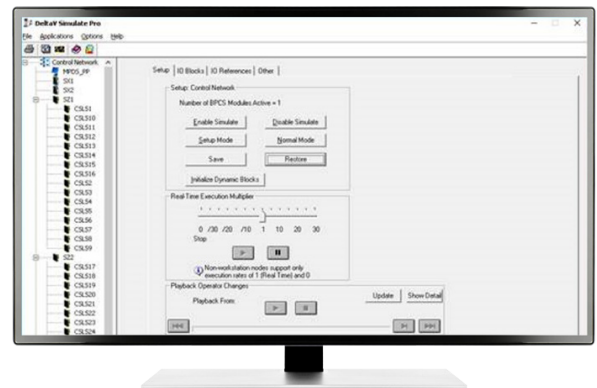
Version Control in DeltaV™ Live.

Version Control Now Available for DeltaV Live

A modern, intuitive solution integrated with Graphics Studio, Version Control for DeltaV Live enables tracking and controlling changes while offering tools to view and compare version history. In addition to Graphics Studio, it also provides version control and audit trail capabilities for Workstation Management and SQL Data Sources. This feature is available as a separate subscription.

DeltaV Simulate: Addition of Snapshot Functionality for DeltaV Virtual Machine (VM) Controllers*

DeltaV Simulate to support the Save and Restore (snapshot) functionality for VM Controllers for both BPCS and SIS. With pause, save, restore and resume functionalities being available for various VM Controllers such as vPK, VM-Series, vS-Series, vEIOC and vSZ/CSLS, the VM Controller based simulate platform can be used for offline development, testing as well as for operator training purposes.



Snapshot Functionality in DeltaV Simulate.

Modbus Communication in Virtual SZ*

Modbus communication is now available in the vSZ controllers in Hyper-V as well as in VMware environments to support simulation, training and virtual FAT testing. With this new functionality, OTS environments can support fully virtualized software FATs for interfaced ICSS architectures with the new VMware virtual SZ template.

Equipment Module (EM) Operation

New functionality enables teams to make configuration changes to the EM without interruption to the running logic. This download behavior maintains the system's operational state when configuration changes are made.

To learn more about DeltaV Version 15 or additional Feature Packs, please visit emerson.com/deltav15.

*These functionalities will not be available for use until the release of new v15.FP3 Control Hardware templates.