

# DeltaV™ Engineering Seat Software Suite



You can easily engineer your process automation system using the Engineering Seat software

- Powerful, graphical engineering capabilities
- Engineering functionality on demand
- Temporary use options for greater flexibility

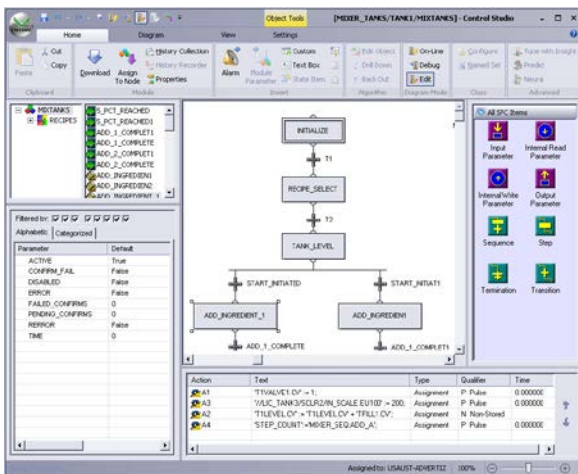
## Introduction

Are you looking for engineering functionality when and where you need it in your DeltaV™ system?

The DeltaV Engineering Seat delivers state-of-the-art, dynamic engineering capabilities that can be accessed on demand from DeltaV workstations such as Operator Stations, Maintenance Stations, and Base Stations.

Pre-engineered templates, along with offline and online configuration capability ensure that you are getting the most for your investment.

Use the unique DeltaV Flexlock feature to ensure only appropriate users can gain access to engineering tools and Windows applications.



Graphical Sequential Function Chart Configuration



**Benefits**

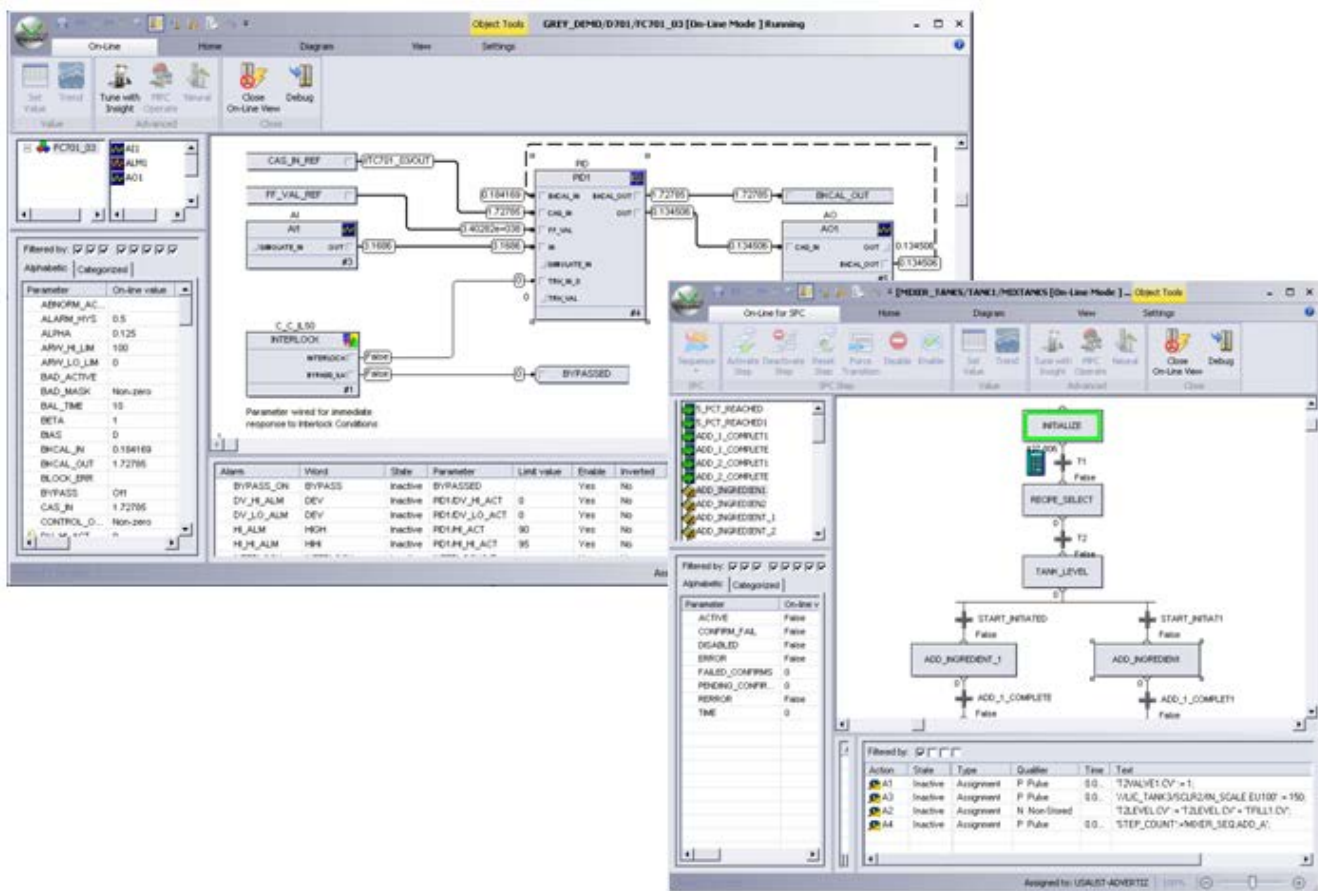
**Graphical engineering capabilities.** Engineer your system your way. Design your process control system in an environment similar to Microsoft Windows. Use the high-resolution graphics and drag-and-drop features for total engineering capabilities.

Implement using the pre-engineered library templates or customize them to fit your needs. Your process control system will be up and running in record time using DeltaV system engineering.

**Engineering functionality on demand.** DeltaV Engineering Seats can be assigned to physical DeltaV workstations (just as with Operator Station Software, Maintenance Station Software, etc.), or the functionality can be managed by the ProfessionalPLUS Station as a floating pool of engineering seats.

From existing, physical DeltaV workstations, users can easily access DeltaV engineering tools by using an available, floating DeltaV Engineering Seat. User security privileges determine what can be modified once an engineering application is opened. Floating Engineering Seats allow you to accurately provide functionality that matches the number of concurrent engineering users expected on the system; there is no longer a requirement to dedicate engineering functionality to each physical workstation in the system.

**Temporary use options for greater flexibility.** The dynamic engineering needs of plant startups, commissioning activities, and turnarounds can be satisfied with available, temporary DeltaV Engineering Seats. No longer do you have to purchase more, permanent engineering capacity just to get through periods of peak demand. Just purchase the number of DeltaV Engineering Seats you need for the duration of time needed – no waste!



Graphically view and debug executing control strategies.



Emerson Process Management is the industry leader in scalable, plant-aware process automation systems. Our state-of-the-art, totally integrated applications give you the power to do more.

### **The following software applications are included with the DeltaV Engineering Seat Software Suite.**

For detailed information about the following applications, refer to the appropriate product data sheet:

- **Configuration Software Suite.** Makes it easy to create Control Strategies and System Graphics to get your plant up and running quickly and efficiently.

- **Control Studio On-line.** Graphically monitor and troubleshoot running control strategies.

### **Products included with appropriate system licenses**

When the appropriate system licenses are included in your DeltaV system, the following applications are provided:

- **Recipe Studio.** Powerful yet simple to use application for graphically configuring recipes (with formulas) for successful batch production.

Ordering Information

Description	Model Number
Engineering Seat (Permanent)*	VE2165
Engineering Seat (Temporary), 60 days*	VE2165D60
Engineering Seat (Temporary), 90 days*	VE2165D90
Engineering Seat (Temporary), 180 days*	VE2165D180

\*Engineering Seats have no Operations Span of Control. Operations Span of Control, if existing, must be provided by the functionality licensed (i.e. VE2104 - Operator Station, Full Span of Control) on the physical workstation where the Engineering Seat functionality is used.

Related Products

Related Software Products

- **Application Station Software Suite.** Integrate DeltaV with 3rd party systems and applications on a DeltaV workstation. Includes a scalable DeltaV Continuous Historian and DeltaV OPC Data Access server.
- **Base Station.** Centralized DeltaV applications, where the combination of applications included are user selected on a DeltaV workstation.
- **DeltaV Remote Access Service.** Enables communications to a remote DeltaV workstation.
- **DeltaV Remote Client.** Remotely connect to your DeltaV system using thin-client technology.
- **DeltaV Web Server.** Enables web-based viewing of operator displays and historical data.
- **Maintenance Station Software Suite.** Centralized system and device maintenance, including device calibration, device and hardware alerts and diagnostics on a DeltaV workstation

- **Operator Station Software Suite.** Centralized operations and diagnostics on a DeltaV workstation
- **ProfessionalPLUS Station Software Suite.** Centralized operations, engineering, configuration database and diagnostics on a DeltaV workstation

Related Hardware Products

- **DeltaV Workstation Hardware.** Select from a variety of PC and server hardware, tested and preloaded with DeltaV software.
- **Touchscreen.** Allows displays to interact directly to operators' touch.

Prerequisites

- DeltaV Engineering Seat licenses are compatible with DeltaV v12.3 software or later.
- Use of AMS Device Manager functionality with the DeltaV Engineering Seat requires a permanent seat fixed (assigned) to the workstation where AMS Device Manager functions are to be performed.

To locate a sales office near you, visit our website at:

[www.EmersonProcess.com/DeltaV](http://www.EmersonProcess.com/DeltaV)

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