

Campaign Manager

BatchID	Recipe	Scale (%)	Sequence	State	Formula	Status
DELTAV_V11_CAMP0001DEMO	DEMO_WITH_TRAINS	100.00000	0	ACTIVE-COMPLETE	STANDARD	SUCCESS
DELTAV_V11_CAMP0002DEMO	DEMO_WITH_TRAINS	100.00000	1	ACTIVE-ABORTED	STANDARD	SUCCESS
DELTAV_V11_CAMP0003DEMO	DEMO_WITH_TRAINS	100.00000	2	ACTIVE-RUNNING	STANDARD	SUCCESS
DELTAV_V11_CAMP0004DEMO	DEMO_WITH_TRAINS	100.00000	3	ACTIVE-RUNNING	STANDARD	SUCCESS
DELTAV_V11_CAMP0005DEMO	DEMO_WITH_TRAINS	100.00000	4	ACTIVE-RUNNING	STANDARD	SUCCESS
DELTAV_V11_CAMP0006DEMO	DEMO_WITH_TRAINS	100.00000	5	ACTIVE-RUNNING	STANDARD	SUCCESS
DELTAV_V11_CAMP0007DEMO	DEMO_WITH_TRAINS	100.00000	6	ACTIVE-READY	STANDARD	SUCCESS
DELTAV_V11_CAMP0008DEMO	DEMO_WITH_TRAINS	100.00000	7	DEFINED	STANDARD	
DELTAV_V11_CAMP0009DEMO	DEMO_WITH_TRAINS	100.00000	8	DEFINED	STANDARD	
DELTAV_V11_CAMP0010DEMO	DEMO_WITH_TRAINS	100.00000	9	DEFINED	STANDARD	
DELTAV_V11_CAMP0011DEMO	DEMO_WITH_TRAINS	100.00000	10	DEFINED	STANDARD	
DELTAV_V11_CAMP0012DEMO	DEMO_WITH_TRAINS	100.00000	11	DEFINED	STANDARD	
DELTAV_V11_CAMP0013DEMO	DEMO_WITH_TRAINS	100.00000	12	DEFINED	STANDARD	
DELTAV_V11_CAMP0014DEMO	DEMO_WITH_TRAINS	100.00000	13	DEFINED	STANDARD	
DELTAV_V11_CAMP0015DEMO	DEMO_WITH_TRAINS	100.00000	14	DEFINED	STANDARD	

Create and manage a campaign by specifying the recipe, formula, equipment, and number of batches for the campaign.

- Defines production campaigns including optional setup and cleanup recipes
- Adjusts to changing production requirements and plant operating conditions
- Monitors campaign execution and interacts with campaigns
- Collects automated historical data collection
- Features a Service-Oriented Architecture Web Service to create, modify, and interact with campaigns
- Redundant operation

Introduction

DeltaV™ Campaign Manager is a tightly integrated component within the DeltaV Batch product suite. It provides an easy-to-use campaign creation and management interface.

The tight integration of Campaign Manager with the DeltaV Batch configuration tools and DeltaV Batch Executive allows you to define and create campaigns with minimal effort.

The campaign modification capabilities of Campaign Manager provide the flexibility required to adjust to changing production requirements and plant operating conditions.

Campaign Manager also provides a comprehensive campaign execution history. The Campaign Manager server automatically captures all information associated with the creation, modification, or execution of a campaign.



The Campaign Manager supports three campaign execution modes, each of which requires a different level of operator attention to facilitate campaign execution:

- **Manual.** Each batch defined within the campaign must be manually released and placed on the Batch Executive's batch list by the user or an external program. The user or an external program must also start each batch after it has been released.
- **Auto Release.** Each Batch defined within the campaign is automatically released and placed on the Batch Executive's batch list. Only one batch from a campaign will be released at any time. The user or an external program must manually start the batch after it has been released.
- **Auto Start.** Each batch defined within the campaign is automatically released and placed on the Batch Executive's batch list. A released batch is automatically started if the number of active batches within the campaign is less than the maximum number of active batches defined for the campaign.

Sometimes there is a need to run the same batch repeatedly and for an unspecified duration and number of times. Designating a campaign as a "*Continuous Iteration Campaign*" is as easy as checking a box, and takes over ensuring that batches are continually scheduled, started and executed one right after another until they system is told to stop.

Since a campaign may execute over several days or weeks, there is a chance that either production requirements or plant equipment availability will change. To facilitate rapid adjustment to these changing conditions, the DeltaV Campaign Manager provides extensive campaign modification capabilities. These capabilities allow you to easily add additional batches to a campaign, remove batches not yet released to the Batch Executive, and make changes to the recipe, formula, or equipment specification for one or more batches defined within a campaign.

As a tightly integrated component of the DeltaV Batch Product suite, Campaign Manager utilizes the DeltaV security system. This ensures that users who initiate campaign management actions (campaign creation, execution, modification) from the Campaign Manager client have the security keys required to perform the requested action.

Historical data collection is embedded in the Campaign Manager application and requires no user configuration. The Campaign Manager Executive automatically collects and saves all campaign creation, modification, and execution data. This data is then automatically forwarded to the DeltaV Batch Historian.

Using the Campaign Manager SOA Web Service, production schedules generated by third-party software packages can be used to automatically create and execute campaigns within Campaign Manager. The Campaign Manager SOA Web Service provides all the functionality needed to create, modify, and execute campaigns using data from external programs.

System Compatibility

The Campaign Manager Service-Oriented Architecture Web Service is compatible with DeltaV v10.3 and later, when one or more Campaign Managers are enabled. The original Campaign Manager Web Service is not compatible with DeltaV v11.3 or DeltaV v10.3 running on the Microsoft Vista/Server 2008 platform.

Ordering Information

The Campaign Manager is included in the following DeltaV Batch software suite:

Description	Model Number	
	pre-v9.3	v9.3 and later
DeltaV Professional Batch*	VE2236Sxxxxx	VE2240Sxxxxx

Where xxxxx is equal to the total number of batch DSTs in the system. xxxxx is available from 250 to 30,000 DSTs in 250-DST increments.

*For additional information on the DeltaV Batch software suites, refer to the DeltaV Basic Batch, DeltaV Advanced Batch, and DeltaV Professional Batch product data sheets.

Related Products

- **Batch Executive.** The batch engine which coordinates all batch processing activity, creates detailed batch history records and schedules recipes and resources.
- **Batch Historian.** Automatically collects and stores batch recipe execution data from the DeltaV Batch Executive and process alarm and event data from the DeltaV Event Chronicle.
- **Batch Redundancy.** Enables redundant DeltaV Batch capabilities for the Batch Executive and Campaign Manager, including automatic switchover to protect your batch operations from disruptions.
- **DeltaV Operate.** High performance operator graphics, trends and alarms offered in standard operating layouts and utilizing system-wide built-in security.
- **DeltaV Operate for Batch.** Batch Controls allow you to operate your batches from the same DeltaV Operate environment used to monitor and control your process.
- **Recipe Exchange.** Provides an open, programmatic interface to the DeltaV recipe management system. Recipe Exchange is based on an XML schema that provides the ability to programmatically import and export DeltaV recipes. A Service-Oriented Architecture Web Service is also available for Recipe Exchange.
- **Recipe Studio.** Powerful yet simple to use application for graphically configuring recipes (with formulas) for successful batch production.
- **Syncade™ Smart Operations Management Suite.** A new class of real-time production management software, provides an easy, flexible, integrated solution that increases plant performance by efficiently managing plant materials and equipment, coordinating production operations, improving quality operations and integrating plant information.

Prerequisites

- A DeltaV ProfessionalPLUS Station and a DeltaV Batch Executive are required in order to use the Campaign Manager.
- The DeltaV Campaign Manager must be installed on a DeltaV Application Station.
- Optimal performance is achieved by running the Campaign Manager on a separate Application Station, or on one where only the Campaign Manager and Batch Executive are enabled.

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

www.EmersonProcess.com/DeltaV

Or call us at:

Asia Pacific: 65.777.8211

Europe, Middle East: 41.41.768.6111

North America, Latin America: +1 800.833.8314 or
+1 512.832.3774

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North America, Latin America: +1 412.963.4000

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