

# Plant Messenger Campaign Scheduling Service



- XML document-based scheduling of production campaigns in DeltaV Campaign Manager
- Completely configurable—no software development skills required
- Provides integrated support for delivery of campaign scheduling error notification reports via e-mail

## Introduction

Plant Messenger is a suite of applications that work together seamlessly to support the exchange of data between Emerson Process Management

applications and users and business systems within your enterprise. The Messenger suite consists of a user interface, a transaction handler, and a variety of Messenger component service applications. Currently available component service applications include:

- Messenger Alert Reporting Service
- Messenger Inspect Reporting Service
- Messenger Campaign Scheduling Service

The Campaign Scheduling Reporting Service supports XML document-based production campaign scheduling from an Enterprise Resource Planning (ERP) system such as SAP or Oracle. It includes support for multiple DeltaV Batch Executive/multiple DeltaV Campaign Manager-based systems. Configurable automated error notification support is also included.

## Benefits

**XML document-based scheduling of production campaigns in DeltaV Campaign Manager.** Text-based scheduling of production campaigns is achieved via XML based campaign definition documents. This open mechanism allows virtually any system or application that is capable of generating an XML based document to effectively schedule production campaigns.

**Completely configurable—no software development skills needed.** Users need no programming skills (VB, C++ knowledge, etc) to enable production campaign scheduling, or

knowledge of the DeltaV Batch Campaign Manager Application Programming Interface (API).

**Provides integrated support for delivery of campaign scheduling error notification reports via e-mail.** If a campaign definition document that is delivered to the Campaign Scheduling Service for processing contains errors that prevent the campaign from successfully being scheduled, the Campaign Scheduling Service will automatically generate an e-mail message and deliver it to the appropriate users. This will allow them to immediately follow up on the problem.

## Messenger Campaign Scheduling Setup Screen

The screenshot shows the 'Configure Campaign Processing' screen in the Plant Messenger web application. The interface is displayed in a Windows Internet Explorer browser window. The top navigation bar includes the Emerson logo and the text 'Plant Messenger'. The user is identified as 'MESSAGEAdministrator'. The left sidebar contains a navigation menu with various options such as 'Plant Messenger', 'My Reports', 'Alerts', 'Inspect', 'My Profile', 'Public Reports', 'Administration', 'Destinations Setup', 'Distribution Lists', 'Licensing', 'Privileges', 'Service Configuration', 'Service Setup', 'User Groups', 'Users', 'Work Schedule', 'About Plant Messenger', 'Books Online', and 'Release Notes'. The main content area is titled 'Configure Campaign Processing' and contains three sections:

- Campaign Processing:** This section is titled 'Specify the name of each DeltaV node on which Campaign Manager has been enabled.' It includes a 'DeltaV System' field with the value 'DV\_School'. Below this are four 'Campaign Manager Node' checkboxes and text boxes: 'Campaign Manager Node1' (checked, value 'CAMPNMGR-1'), 'Campaign Manager Node2' (checked, value 'CAMPNMGR-2'), 'Campaign Manager Node3' (unchecked, empty), and 'Campaign Manager Node4' (unchecked, empty). Below these are fields for 'Confirmer Name' (JSmith), 'Confirmer Password', 'Password Verification', 'Verifier Name' (SJones), and 'Verifier Password', each with a corresponding 'Password Verification' field.
- Source Directory for Configurations:** This section is titled 'Browse for the Campaign Processing Service input directory.' It includes a 'Directory Path' field with the value 'C:\PlantMessengerReports\CampaignScheduling' and a 'Browse' button.
- Output Location for Processed Campaign Definitions:** This section is titled 'Browse to or enter the destination location where the campaign processing log files will be saved. When entering the path, use the complete UNC path (e.g. \\machineName\shareName\directory).' It includes a 'Browse' button.

Plant Messenger Campaign Scheduling Service allows you to configure DeltaV Batch Campaign execution using Windows Internet Explorer

## Ordering Information

Description	Model Number
Plant Messenger base license for use with the Windows Server 2003 operating system	VF1011
Plant Messenger base license for use with Windows XP Professional operating system	VF1012
Messenger Campaign Scheduling Service	VF1015

## DeltaV System Compatibility

Plant Messenger v1.2	DeltaV v8.4.2	DeltaV v9.3.1	DeltaV v10.3.1
Plant Messenger for use with the Windows Server 2003 operating system	YES	YES	YES
Plant Messenger for use with Windows XP Professional operating system	YES	YES	YES
Messenger Campaign Scheduling Service	YES	YES	YES

## Prerequisites

- A non-DeltaV workstation.
- A Plant Messenger base license.
- A DeltaV system with a Professional level Batch license and one or more Campaign Managers enabled. The Plant Messenger Campaign Scheduling Service is compatible with the DeltaV systems noted in the DeltaV System Compatibility section.

## System Requirements

- Server class PC with Intel Pentium 4 1.4 GHz processor having 1 GB physical memory, a 40 GB hard drive (with 2 GB free space), 1 or more Ethernet cards depending on system architecture, and the Windows Server 2003 operating system with Service Pack 2 or later.
- As an alternative to the Server Class PC identified above, a Workstation class PC with Intel Pentium 4 1.4 GHz processor having 1 GB physical memory, a 40 GB hard drive (with 2 GB free space), 1 or more Ethernet cards depending on system architecture, and the Windows XP operating system with Service Pack 3 or later. Note that when Plant Messenger is installed on a PC running the Windows XP operating system, only a single component service may be enabled, and that component service will be limited to communicating with a single DeltaV system.
- Microsoft Internet Explorer 7
- For e-mail report delivery, a connection to an e-mail server that supports SMTP based e-mail delivery is required.
- For paging, a connection to a SNPP server or a SMTP e-mail server is required. The SNPP server is the preferred mechanism for sending pages. Pagers, phones and other mobile devices that are to receive Plant Messenger reports via a SNPP or SMTP server must support text messaging.
- **Note: Messenger cannot be installed on a node on which DeltaV has been installed.**
- **Note: Messenger cannot be installed on a node that is also a domain controller.**

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