

Plant Messenger



Plant Messenger delivers DeltaV™ system information when and where you want it.

- Delivers the information you want when and where you want it
- Leverages the latest business integration technologies
- Reduces or eliminates custom software development
- Off-the-shelf technologies allow easy integration of automation and business systems

Introduction

Plant Messenger is used to exchange data between DeltaV™ system applications and users and business systems within your enterprise. The Plant Messenger suite consists of the Plant Messenger base services and a Plant Messenger component service application.

The Plant Messenger base services include a user interface for creating and generating reports and a transaction handler for managing the DeltaV system information. The Plant Messenger component service application is the Plant Messenger Alert Reporting Service.

Additional information on the Plant Messenger Alert Reporting Service may be found in the Plant Messenger Alert Reporting Service product data sheet.



Benefits

Delivers the information you want when and where you want it. You can easily exchange data and send information generated by DeltaV system software applications to the appropriate consumer(s) within your enterprise via:

- E-mail
- Pager
- XML file

Each Messenger user has the ability to create reports that identify the specific information that they are interested in receiving, the mechanism that will be used to deliver the information, and the frequency that the information will be delivered. Reports are configured via the Plant Messenger's Web-browser based user interface. There are no limits on the number of Plant Messenger users, or, on the number of reports each user can construct.

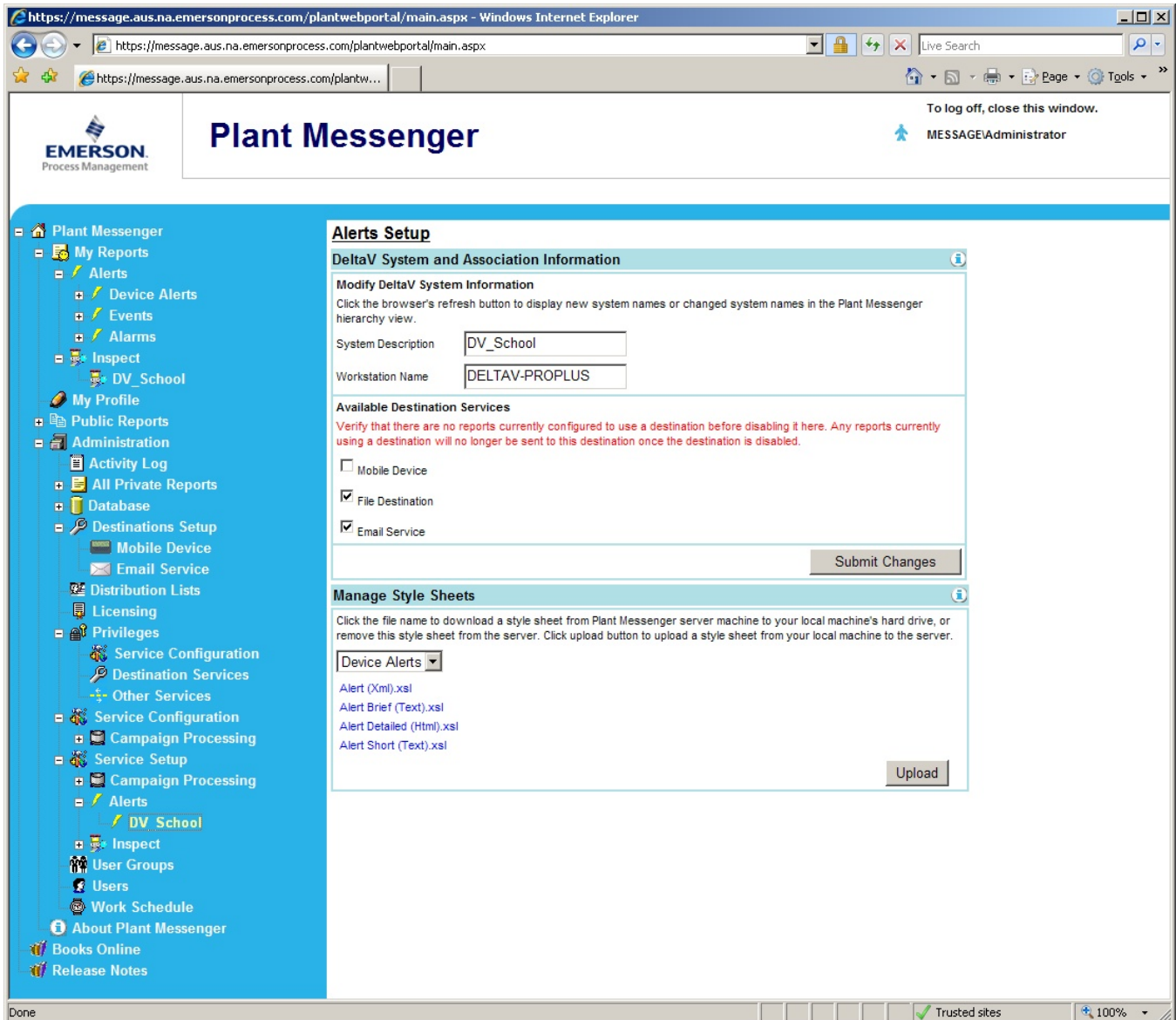
Leverages the latest business integration technology. Plant Messenger is based on the Microsoft.Net framework and uses Web services and XML-based data exchange to allow you to easily interact with your automation system. Messenger powerfully enhances the technologies you already have in order to keep you informed by delivering the right information to the right user at the right time.

Reduces or eliminates custom software development. The Plant Messenger user interface is accessed through Microsoft's Internet Explorer Web browser. No software other than Internet Explorer needs to be installed on Messenger user workstations, eliminating software installation and maintenance issues. This "zero client" approach allows Messenger users to configure reports from anywhere in the world!

Since no programming skills are required to construct Plant Messenger reports, virtually any user in the enterprise can have access to the specific information they need to perform their duties, and receive the information requested when and where they want it!

Multiple report formats are available "out of the box" for each Messenger reporting service. However, advanced users who would like to construct their own report formats can do so using XSLT style sheets.

Off-the-shelf technology allows easy interaction with your automation system. Plant Messenger's use of Microsoft's .Net Framework, Web services and XML makes enterprise integration easy.



Plant Messenger user interface allows you to create reports using Windows Internet Explorer.

System Compatibility

Plant Messenger v1.3	DeltaV v9.3.1	DeltaV v10.3.1	DeltaV v11.3.1
Plant Messenger for use with Windows Server 2003 or Windows Server 2008 operating system	YES	YES	YES
Plant Messenger for use with Windows XP Professional or Windows 7 Professional operating system	YES	YES	YES
Messenger Alert Reporting Service	YES	YES	YES

System Requirements

- Plant Messenger requires a 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 (32-bit) with Service Pack 2 or later or the Windows Server 2008 operating system (32-bit) with Service Pack 2 or later.
- As an alternative to the Server Class PC identified above, Plant Messenger may use a workstation class PC with Intel Pentium 4 1.4 GHz processor having 1 Gigabyte 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 Professional operating system with Service Pack 3 or later or the Windows 7 Professional operating system (32-bit) with Service Pack 1 or later. Note that when Plant Messenger is installed on a PC running the Windows XP or Windows 7 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 8.
- 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: Plant Messenger cannot be installed on a node on which DeltaV has been installed.**
- Note: Plant Messenger cannot be installed on a node that is also a domain controller.**

Ordering Information

Description	Model Number
Plant Messenger base license	VF1019
Messenger Alert Reporting Service	VF1013

Related Products

- **Plant Messenger Alert Reporting Service.** A Plant Messenger service that delivers user configurable alarms and events to mobile devices, email, or data files.

Prerequisites

- A non-DeltaV workstation that complys with the requirements as detailed in the System Requirements section.
- A DeltaV ProfessionalPlus or Application Station workstation to interface with Plant Messenger. Plant Messenger is compatible with the DeltaV systems as noted in the DeltaV System Compatibility section.

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