Plant Messenger

- 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

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

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 about 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 technologies:
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. Plant 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 Plant Messenger user workstations, eliminating software installation and maintenance issues. This “zero client” approach allows Plant 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 access information specific to their needs, received when and where they want it.

Multiple report formats are available out of the box for each Plant 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 Internet Explorer.

www.emerson.com/deltav
System Compatibility

<table>
<thead>
<tr>
<th>Plant Messenger v1.6</th>
<th>DeltaV v11.3.1</th>
<th>DeltaV v12.3.1</th>
<th>DeltaV v13.3.1</th>
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<tbody>
<tr>
<td>Plant Messenger for use with Windows Server 2008 R2 SP1,</td>
<td>YES</td>
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<tr>
<td>Windows Server 2008 32-bit SP2, or Windows Server 2016 64-bit operating system</td>
<td>YES</td>
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<td>Plant Messenger for use with Windows 7 32-bit SP1, Windows 7 64-bit</td>
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<td>SP1 Professional, or Windows 10 64-bit Professional operating system</td>
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<td>Internet Explorer 9 or 11*</td>
<td>YES</td>
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<td>Plant Messenger Alert Reporting Service</td>
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*Internet Explorer 9 is only used for the Windows Server 2008 SP2 32-bit operating system. Internet Explorer 11 is used for the remaining supported operating systems.

System Requirements

- Minimum Hardware Requirements for Server Class PC: 2.0 GHz 64-bit processor (3.4 GHz recommended), 2.0 GB RAM (4 GB recommended), a 40 GB hard drive with 2 GB free space, and 1 or more Ethernet cards depending on system architecture.
- Minimum Hardware Requirements for Workstation Class PC: 2.0 GHz 64-bit processor (3.4 GHz recommended), 2.0 GB RAM (4 GB recommended), a 40 GB hard drive with 1 GB free space (2 GB recommended), and 1 or more Ethernet cards depending on system architecture. When Plant Messenger is installed on a PC running the Windows 7 operating system, the Plant Messenger Alert Reporting component service will be limited to communicating with a single DeltaV system.
- Microsoft Internet Explorer 9 or 11. Internet Explorer 9 is only used for the Windows Server 2008 SP2 32-bit operating system. Internet Explorer 11 is used for the remaining supported Operating Systems.
- Plant Messenger installs Internet Explorer 11 on all supported Operating Systems. Additional software and components are also installed as part of this process. The Windows Update (Control Panel\System and Security\Windows Update) should be turned off so the prerequisites that come with the package are installed.

- 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 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: Windows Server operating systems are installed with ASP.NET installed, and Routing and Remote Access Server disabled or not installed.
- Note: Plant Messenger cannot be installed on a node that is also a domain controller.
- Note: IIS installation is required, where the web server is properly registered with a DNS service and the domain name does not contain an underscore.
Ordering Information

<table>
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<tr>
<th>Description</th>
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<tr>
<td>Plant Messenger Alert Reporting Service</td>
<td>VF1013</td>
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</table>

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 complies 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 System Compatibility section.

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