

## Plant Watcher Notification System

Part Number: 25522, 25602 – Server

### DESCRIPTION:

The Plant Watcher application allows a user to receive email notifications about batch event out-of-tolerance situations, mix design changes, material changes, plant performance, and scheduled maintenance at specified plants.

The “Server Console”, which is installed with the Plant Watcher Server, is used for configuring and troubleshooting the server.

### OPERATION:

When an event occurring at a monitored plant satisfies the criteria defined in a Profile, an email alert describing the event is dispatched to all defined recipients. Email alerts are delivered only once to each requester and delivery is guaranteed in the event of network or other outages.

### SUPPORTED CONFIGURATIONS / SYSTEM REQUIREMENTS:

- One of the following Operating Systems:
  - Windows XP Professional
  - Windows Server 2003 Standard SP 2
  - Windows 7 (64-bit) Professional
  - Windows Server 2008 (64-bit)
- COMMANDbatch V1.06.288j or later.
- 2 GHz CPU
- 2 GB RAM
- 10 GB available hard disk space (Server)
- 500 MB available hard disk space (Client)
- Network Adapter for the LAN, WAN, or Wireless Network being used
- (100 Mbs Ethernet recommended)
- Excel<sup>®</sup> 2007 or 2010 or later on the Plant Watcher Server and on PCs used for viewing the Plant Performance Report (PPR). Excel is NOT required on the COMMANDbatch PC unless the PPR is to be used on that PC. Excel is not provided as part of the Plant Watcher product suite.

**Note:** The complete Office 2007 or 2010 suite does not need to be installed, but at a minimum, the Small Business Edition with Excel must be installed. The Home and Student editions should not be installed because they may lack some of the macro functionality needed to correctly execute the Plant Performance Report.

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**IMPLEMENTATION:**

- A functioning WAN/LAN must exist between Plant Watcher and all COMMANDbatch systems.
- The Plant Watcher Server communicates with COMMANDbatch over TCP/IP on Port 3000.
- The Plant Watcher Configuration Utility communicates with the Plant Watcher Server over TCP/IP on Port 8086.
- If a firewall is in place between Plant Watcher and COMMANDbatch, the ports mentioned above must be opened.
- Only SMTP email communication is supported. Command Alkon DOES NOT provide the mail server. Authentication rights (username/password) must be made available if required by the email provider.
- Profiles need to be created for each batch plant to be monitored. Profiles contain information about Sites, Events, Recipients (email addresses) and Plant Performance Data.
- Typically, Profiles are configured from a remote PC, using the “client” Plant Watcher Configuration Utility. Ideally, the client software would reside on a Quality Control PC.

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