

## **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, and plant performance reports 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:**

- Supports version COMMANDbatch V1.06.288j or later.
- Single-plant servicing environment - Plant Watcher can operate on the same PC as COMMANDbatch or on a separate machine as in a Multi-plant servicing environment.
- Multi-plant servicing environment - Plant Watcher operates on a Server Class or Desktop PC with Windows Server 2003 Service Pack 2 or Windows XP Pro Service Pack 2 or 3.
- PC with 300 MHz CPU (single processor system)
- 512 MB RAM
- 500 MB available hard disk space (Server)
- 10 MB available hard disk space (Client)
- Network Adapter for the LAN, WAN, or Wireless Network being used
- (100 Mbs Ethernet recommended)
- The creation of the Plant Performance Report requires that Excel® 2007 be installed on the Plant Watcher Server and on any computer that will be used to view the Plant Performance Report. Excel is NOT required on the COMMANDbatch PC unless the Plant Performance Report is to be used on that machine. When opening the Plant Performance Report, the user must “enable macros” in Excel, if requested, so that the report executes correctly. Excel is not provided as part of the Plant Watcher product suite.

**NOTE:** The complete MS Office 2007 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 for the Plant Performance report to execute correctly.

**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.

**[www.commandalkon.com](http://www.commandalkon.com)**

**Command Alkon Headquarters**

1800 International Park Drive, Suite 400  
Birmingham, Alabama 35243  
Phone: 1-205-879-3282  
Toll Free: 1-800-624-1872  
Fax: 1-205-870-1405