



"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION!"

1-207-775-1660

## WeatherBug Driver

KEPServerEX's WeatherBug driver offers real-time connectivity to weather information for use in automation applications. Kepware's WeatherBug for Automation solution is available for use with virtually any third party software for automation.

Weather information is brought to you through automation industry standards (OPC), as a yearly data feed subscription, from as few as 3 to 25 or more stations of your choosing.

WeatherBug is the leading provider of weather information services; they manage and operate a proprietary network of 8,000+ professional grade weather tracking stations. These weather stations generate live neighborhood level reports every second



WeatherBug recognizes Kepware and KEPServerEX as their preferred communication company and OPC Server.

**Plug-in Driver Features:**

- Supports the Automatic Tag Generation feature of KEPServerEX
- The Subscriptions dialog enables you to control the OPC data settings for the WeatherBug subscription services you are using.
  - Station List
  - Station Information
  - Live Observations
  - Forecast
  - Alerts
  - Air Quality
  - Ultraviolet

**Application Support**

- OPC Data Access (OPC DA) Versions 1.0a, 2.0, 2.05a, 3.0
- OPC Alarms and Events (OPC AE) Version 1.10
- OPC Unified Architecture (OPC UA) Version 1.01
- OPC Express Interface (OPC Xi) Version 1.00
- SuiteLink and FastDDE for Wonderware
- NIO Interface for iFIX
- DDE Format CF\_Text and AdvancedDDE

**Supported Devices**

- WeatherBug connects to a proprietary network of professional grade weather tracking stations

**Protocol**

- Weather information is brought to you through automation industry standards (OPC)
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**Additional Information and Resources:**

- KEPServerEX OPC Server Features
- WeatherBug Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to WeatherBug
- System Requirements
- OPC Compliancy Testing
- KEPServerEX v5 Licensing
- Upgrade Pricing

**Related Products:**

- Manufacturing Suite
  - LinkMaster OPC Bridging Software
  - DataLogger Option for KEPServerEX
  - Advanced Tag Option for KEPServerEX
  - RedundancyMaster OPC Redundancy Software
  - Support and Maintenance Agreement
  - Support and Maintenance Agreement Pricing
  - Legacy Pricing Policy
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### Drivers "Plug-in" to KEPServerEX

The WeatherBug OPC Server is a plug-in device driver for KEPServerEX. A "Plug-in" is a software program (.dll) that extends the capabilities of KEPServerEX to fit the communication requirements of a specific device or system. The plug-in driver handles all of the proprietary communications between the device/system and the OPC layer, KEPServerEX. The KEPServerEX core then handles all OPC and Proprietary Client communications between the plug-in driver and the Client application. For a complete list of features and capabilities please visit the KEPServerEX overview page.

- OPC Foundation Certified - The Best of OPC on the Market
- High Performance - Multi Threaded - Runtime Configurable
- Detailed Protocol Diagnostics - Communications Trace
- Detailed OPC Diagnostics - Communications Trace
- Native Interfaces - Client Connectivity Beyond the OPC Standards
- Stratus High Availability Computing - Certified
- Marathon High Availability Computing - Certified
- Kepware 2 Hour Demonstration Mode on all Products

