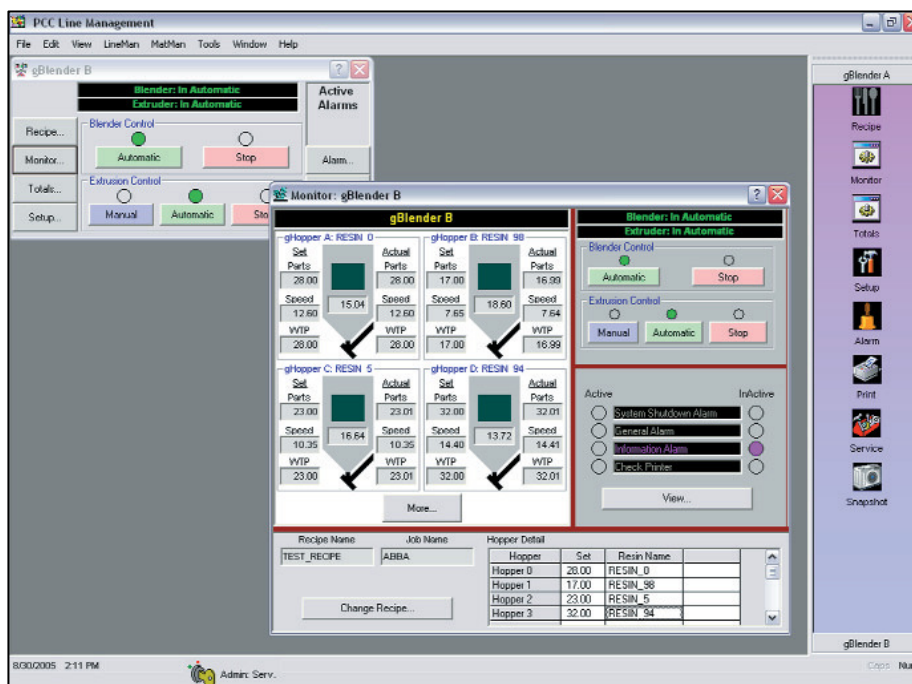


# EtherNet/IP OPC Server

## Windows Based OPC Server



**EtherNet/IP OPC Server. This OPC Server provides the capability of any OPC Client residing on a PC to communicate directly with any Process Control Blender or Gravitrol system**

The EtherNet/IP OPC Server has been developed to assist in the integration of Process Control blenders and Gravitrol systems with customers PC based HMI and SCADA systems. The OPC Server allows any OPC Client applications such as Trend Manager, Material Manager, RSView, and Matrikon's OPC Explorer to communicate with any of Process Control's blenders and Gravitrol systems with an Ethernet port. For anyone who wishes to integrate their plant floor with Process Control equipment, the benefits of this tool are great. By using the server, you can use your OPC Client applications for data acquisition, monitoring, and control of Process Control Equipment. In addition, the EtherNet/IP network topology makes use of standard IEEE 802.3 technology, which can

be connected directly to your company wide network using standard off the shelf networking gear. Using a Microsoft Windows-based PC, and the remote communication capabilities of Process Control equipment, the OPC Server can interface your HMI or SCADA system directly with Process Control Equipment. Communication is established with the blenders miniop controller using the PC's Ethernet port connection. Simply connect the mini-op to the Ethernet network, enable Ethernet communications, and assign an IP address. Using an OPC Server the complexity of generating tag information is all but eliminated. The OPC client application provides a browser which makes tag selection a simple point-and-click process.

### Standard Features

- ▶ True OPC Connectivity. Any OPC Client application can directly connect to PCC's blenders or Gravitrol for the purpose of control or data acquisition.
- ▶ Standard off-the-shelf Ethernet 802.3 network topology.
- ▶ Real-time charting or plotting of data collected.
- ▶ Simplified tag generation resulting from the EtherNet/IP protocol.
- ▶ Quick installation on any Windows-based PC/Laptop.
- ▶ Trace message logging for easy debugging of operability issues.
- ▶ Through the use of an available "EDS" file containing CIP tag information, the server will be compatible with any device capable of Ethernet/IP communication.

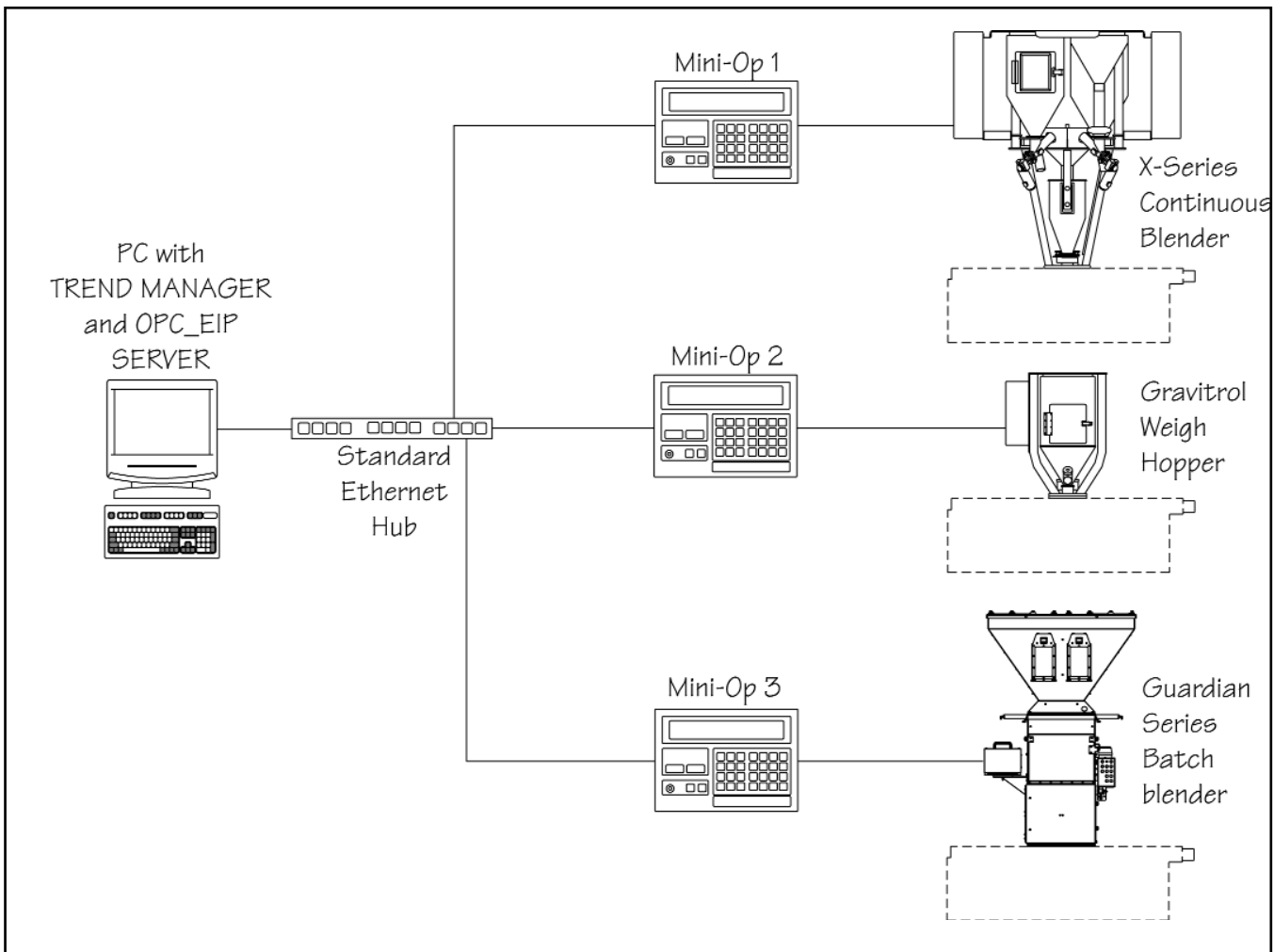
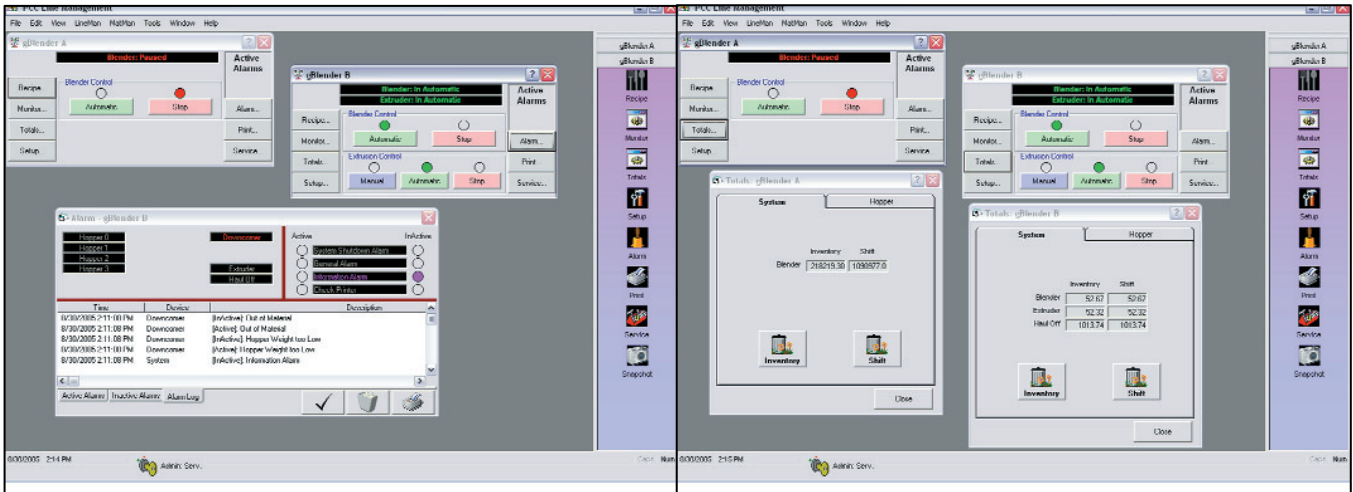
### Minimum Requirements - PC

- ▶ CD-Rom drive, Floppy Drive – for installation and licensing of software.
- ▶ 20 Meg of hard drive space for installation and minimal data collection
- ▶ Ethernet port for connection with operator stations.

### Minimum Requirements - Operator Station

- ▶ Blenders - Minimal version of v1.20.9
- ▶ Continuous Blenders with CM019 operator stations Minimal version of v5.30.7
- ▶ Gravitrol systems with CM019 operator stations Minimal version of v6.10.7

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