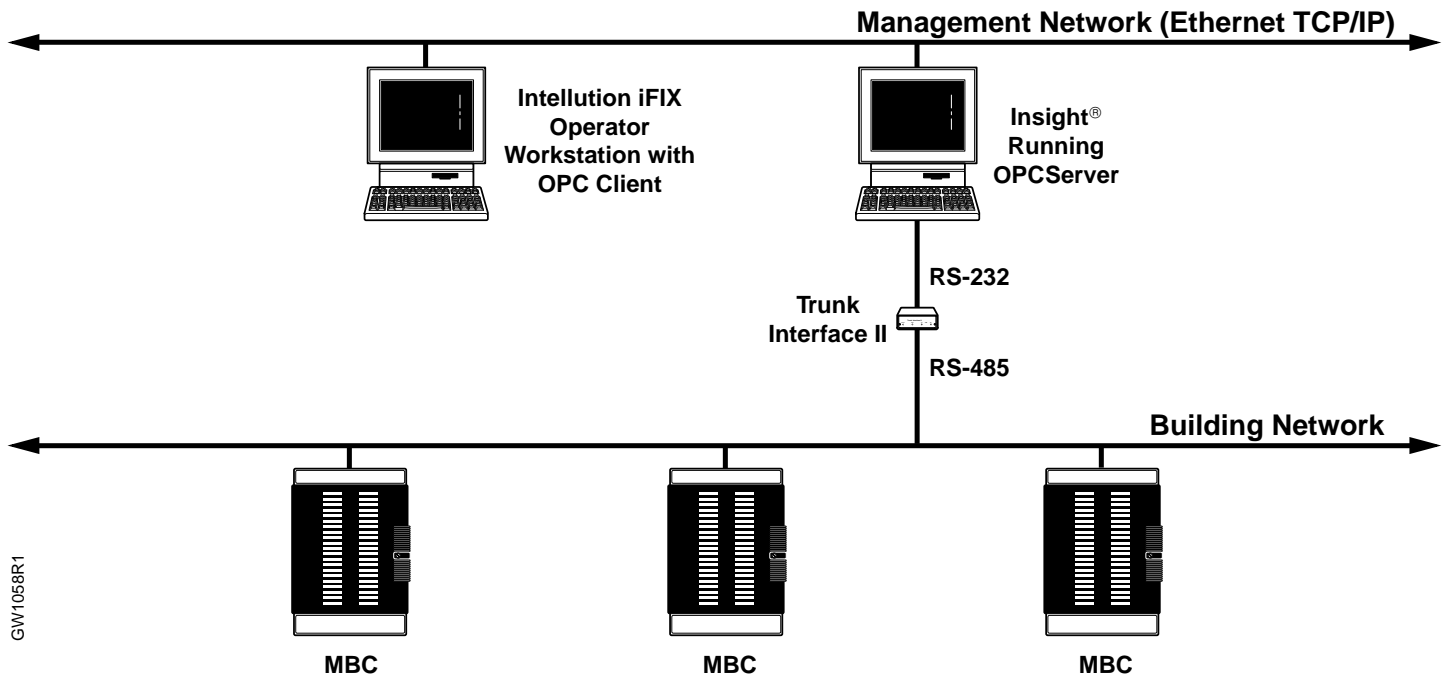


Systems Integration

APOGEE OPC SERVER TO Intellution iFIX



GW1058R1

Figure 1. System Architecture.

Notes on System Architecture

The architecture for the Intellution Windows® NT/2000/XP™ integration consists of an OPC client residing in the Intellution iFIX Dynamics™ workstation, and an OPC Server in Insight® Version 3.2 or later. The OPC Server may reside in a single Insight workstation configuration, or a network of multiple Insight workstations (See Figure 1). Communication between workstations is via Ethernet TCP/IP. Between the Insight and the Building Level Network, a Trunk Interface II is required to convert from RS-232 to RS-485.

Functionality

The Intellution OPC client and Insight OPC Server translate and communicate data between the APOGEE Automation System and the Intellution workstation. Through the OPC client, the Intellution workstation allows the operator to monitor the current value of APOGEE points, obtain point information and point characteristics, command the value of points, obtain alarms and event reports, and command alarm limits. As a practical limit, the OPC client can command and monitor up to 1000 defined APOGEE points.

Keys to Success

A good working relationship with the local Intellution field office or representative is vital to project success. In addition, a thorough understanding of the Windows NT/2000/XP environment is necessary for effective implementation and maintenance.

Benefits

Process control and building control integration bring together the powerful building control capabilities of the APOGEE Automation System with the best process

control workstations on the market. Bringing the APOGEE Automation System controls into the Intellution workstation allows process control and building control systems to operate as a single system. This provides marked advantages in reduced operating costs, reduced training and increased employee productivity, as well as powerful systems information, reporting, and control.

System Compatibility

The Intellution OPC client and Insight OPC Server perform the systems communication function. Communication between the Intellution workstation and the APOGEE Automation System is made possible through the OPC protocol.

Products Supported

The Windows NT/2000/XP version of Intellution iFIX Dynamics 2.0 with Data Access OPC 2.0 client capability. Testing is required to guarantee system compatibility.

Ordering Information

Description	Product Number
Insight OPCServer 1000 pt. option	571-162
Insight OPCServer 5000 pt. option	571-163
Insight OPC Client option	Call Integrated Systems

For more information, see www.siemens.com.

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