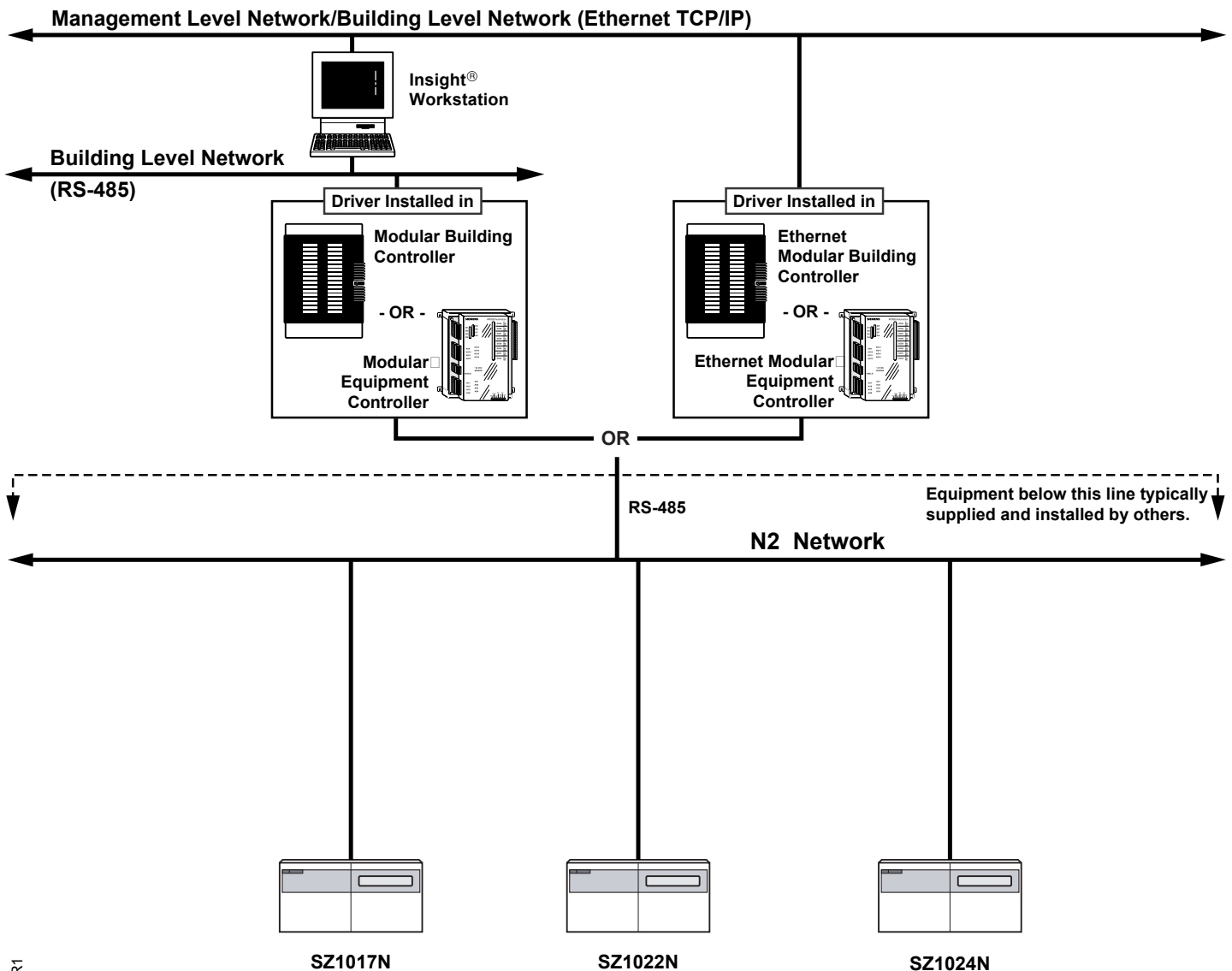


Systems Integration

N2 Solution to TCS/Basys Controls



GW1260R1

Figure 1. System Architecture.

Notes on System Architecture

The Johnson Controls N2 Master Driver provides communication between the APOGEE® Automation System and TCS/Basys thermostats.

Functionality

The Johnson Controls N2 Master Driver can be loaded into MBC Open Processor and MEC hardware. The driver is a microprocessor-based, multitasking platform designed for multi-system communication and control. It communicates with Insight® software, other APOGEE field panels and controllers, and the TCS/Basys Controls thermostat.

Through the Insight workstation, the TCS/Basys Controls points can be monitored and commanded. The TCS/Basys Controls points integrated into the APOGEE Automation System can be accessed by system applications such as Powers Process Control Language, Equipment Scheduling, Trending, and Enhanced Alarming.

The Johnson Controls N2 Master Driver will not affect, in any way, the operating sequence or safeties as factory programmed into the TCS/Basys Controls thermostat.

Keys to Success

Ensure that all TCS/Basys Controls equipment to be integrated is supported by the Johnson Controls N2 Master Driver.

Benefits

Systems integration brings the powerful facility control capabilities of the APOGEE Automation System together with the TCS/Basys Controls thermostat. Integrating the TCS/Basys Controls points allows both systems to operate as a single system providing marked advantages in the following:

- Reduced operating and training costs.
- Increased employee productivity.
- Increased diagnostic capabilities to extend equipment life.
- Improved systems information and control.

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- Maximized energy savings.

Products Supported

TCS/Basys Controls models supported by the Johnson Controls N2 Master Driver include:

- SZ1017N Thermostat
- SZ1022N Thermostat
- SZ1024N Thermostat

If there are any questions regarding the TCS/Basys Controls thermostat, contact your local TCS/Basys Controls representative.

Ordering Information

Description	Product Number
Johnson Controls N2 Master Driver, Open Processor with RS-485 BLN	986-88475A
Johnson Controls N2 Master Driver, Open Processor with Ethernet BLN	986-88475B
Johnson Controls N2 Master Driver, MEC with RS-485 BLN, 8DI, 8DO, 8AI, 8AO, Point Expansion Support, HOA-ready	986-88475C
Johnson Controls N2 Master Driver, MEC with RS-485 BLN, 8DI, 8DO, 8AI, 8AO, Point Expansion Support, with HOA	986-88475D
Johnson Controls N2 Master Driver, MEC with RS-485 BLN, 8DI, 8DO, 8AI, 8AO, Point Expansion Support, Modem, HOA-ready	986-88475E
Johnson Controls N2 Master Driver, MEC with RS-485 BLN, 8DI, 8DO, 8AI, 8AO, Point Expansion Support, Modem, with HOA	986-88475F
Johnson Controls N2 Master Driver, MEC with Ethernet BLN, 8DI, 8DO, 8AI, 8AO, Point Expansion Support, HOA-ready	986-88475G
Johnson Controls N2 Master Driver, MEC with Ethernet BLN, 8DI, 8DO, 8AI, 8AO, Point Expansion Support, with HOA	986-88475H

For more information, see www.sbt.siemens.com