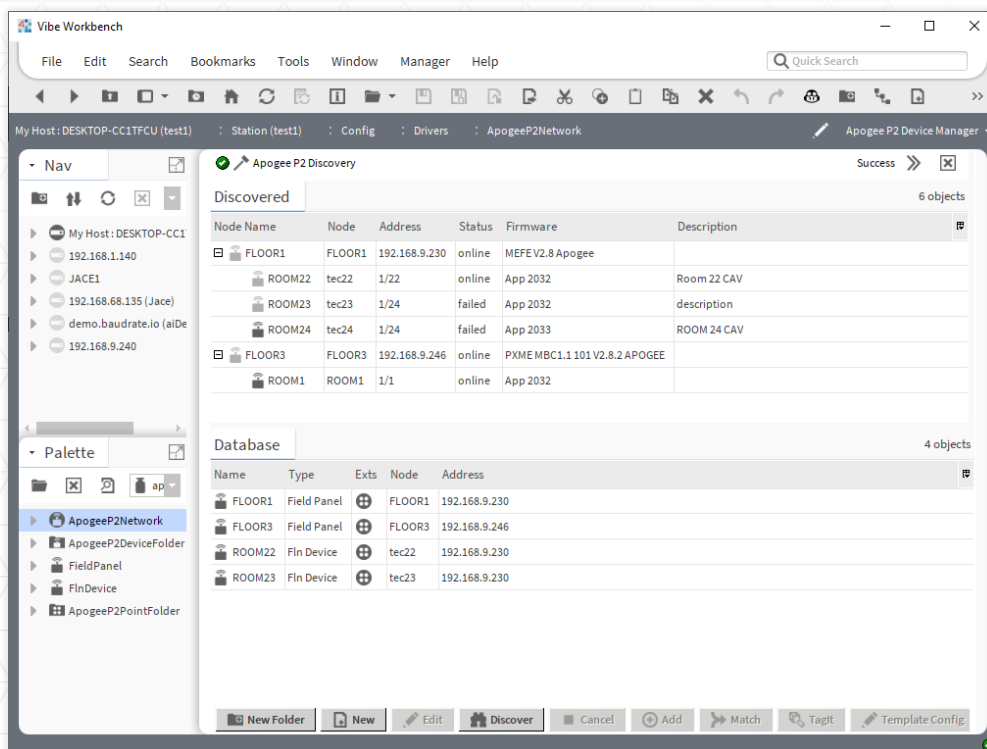


Siemens Apogee P2 BLN

Niagara Framework Driver

The Apogee P2 driver connects Tridium Niagara directly to Siemens Apogee panel controllers on the BLN (Building-Level Network) using the native P2 Ethernet protocol. Existing panel programs require no modification. The driver connects as a BLN node and discovers all reachable panels and their FLN devices through a single seed panel, preserving the installed control infrastructure. Because each panel manages downstream TECs and UCs on the FLN, a single connection exposes an entire building's control hierarchy without replacing field hardware. Points are discovered with their names, engineering units, state text labels, and descriptions. The driver uses COV subscriptions for real-time value updates and supports read, write, override, and release operations.

- ✓ Native P2 protocol communication over Ethernet
- ✓ Automatic panel and FLN device discovery
- ✓ Point discovery with names, units, and state text labels
- ✓ Change of Value (COV) subscriptions for real-time updates
- ✓ Write, override, and release to PPCL control
- ✓ Supports all 12 P2 point types
- ✓ Access to P1/FLN field devices through parent panels
- ✓ No annual fees
- ✓ Free technical support and upgrades



Apogee P2 panel and point discovery in Niagara Workbench

SUPPORTED DEVICES

PXC Compact 16	PXC Modular	TEC	BACnet TEC
PXC Compact 24	Power MEC	ATEC	LonMark TEC
PXC Compact 36	MBC	PTEC	UC

SYSTEM REQUIREMENTS

- ✓ Niagara framework 4.8 or later, including OEM versions
 - ✓ JACE or Supervisor with TCP/IP network access to the panel
 - ✓ IP address, BLN name, and Node name of one field panel
 - ✓ Apogee P2 driver license
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CONNECTIVITY

TCP/IP (Ethernet)

Connect Niagara to Siemens Apogee panels using the native P2 protocol over TCP port 5033. The station joins the BLN as a node and reaches all panels and FLN devices through a single seed panel connection. No gateways or protocol converters required.

ORDERING INFORMATION

Part Number	Description
AP2-J-250	Apogee P2 for JACE, 250 points
AP2-J-1000	Apogee P2 for JACE, 1000 points
AP2-J-UNL	Apogee P2 for JACE, unlimited points
AP2-SUP	Apogee P2 for Supervisor, first 500 points
AP2-SUP-500	Apogee P2 for Supervisor, extra 500 points