Johnson Controls N2

Niagara Framework Driver

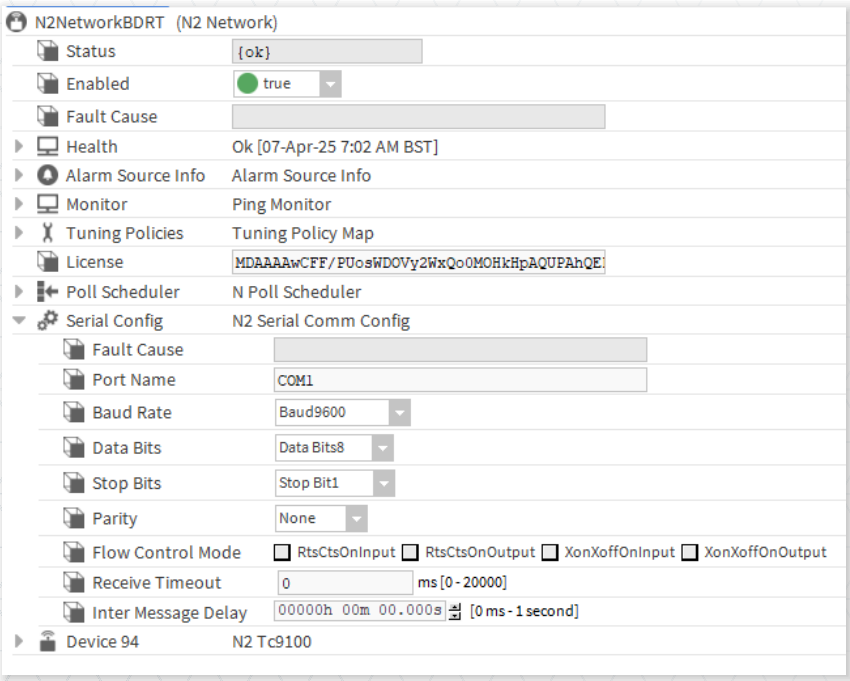
The N2 driver connects Johnson Controls N2 and N2 Open devices directly to Tridium Niagara via RS-485, providing a modern integration path for legacy JCI building automation systems.

Existing N2 controllers require no reprogramming. The driver communicates using both the proprietary N2 protocol and the N2 Open protocol, covering all device generations. This makes it ideal for retrofit projects where preserving existing infrastructure is essential.

Points are discovered automatically for N2 Open devices or imported from .DDL files for legacy N2 equipment. The driver provides full read, write, and hardware I/O override capabilities with support for analog and binary data types.

The driver connects via standard RS-485 at 9600 baud, requiring no additional gateways or protocol converters.

- ✓ Works with all Johnson Controls N2 and N2 Open devices
- ✓ Automatic point discovery for N2 Open protocol
- ✓ Point import via .DDL files for legacy N2 devices
- ✓ Reads, writes, and overrides hardware I/O
- ✓ Supports analog and binary data types
- ✓ Direct RS-485 communication
- ✓ Multiple RS-485 ports per JACE for independent networks
- ✓ Optimized for building retrofit projects
- ✓ No controller reprogramming required
- ✓ No annual fees
- ✓ Free technical support and upgrades



N2 Network Properties in Niagara Workbench

SUPPORTED DEVICES

DX-9100	FEC2511	FX07	VAV
TC-9100	FAC2611	FX14	VMA1400
TC-9102	FAC3611	FX15	VMA1600
FEC16	FX05	AHU	VMA1800
FEC26	FX06	UNT	

SYSTEM REQUIREMENTS

- ✓ Niagara framework 4.8 or later, including OEM versions
- ✓ JACE with RS-485 port
- ✓ N2 driver license

CONNECTIVITY

RS-485

Connect Niagara directly to Johnson Controls N2 devices via RS-485 at 9600 baud. The driver supports both the proprietary N2 protocol and the N2 Open protocol on the same bus. No additional gateways or converters required.

ORDERING INFORMATION

Part Number	Description
N2-J-250	N2 for JACE, 250 points
N2-J-1000	N2 for JACE, 1000 points
N2-J-UNL	N2 for JACE, unlimited points
N2-SUP	N2 for Supervisor, first 500 points
N2-SUP-500	N2 for Supervisor, extra 500 points