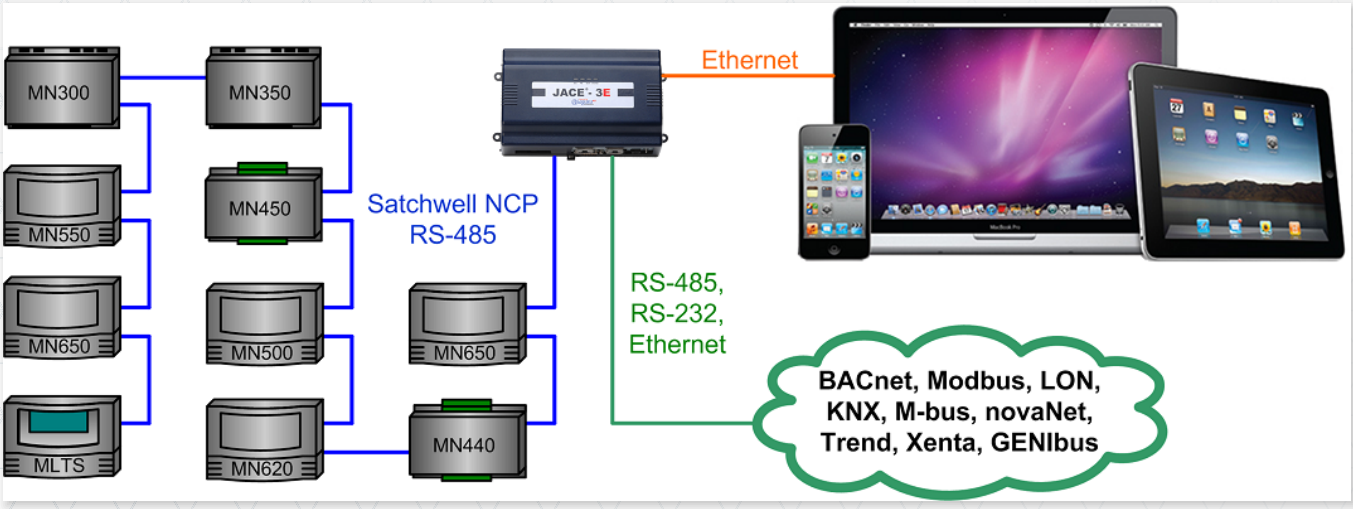
Satchwell Micronet

Niagara Framework Driver

The Satchwell Micronet driver connects Satchwell Micronet controllers directly to Tridium Niagara via RS-485, providing a modern integration path for buildings equipped with Micronet building management systems.
Existing Micronet controllers require no reprogramming. The driver uses the Native Communication Protocol (NCP) and supports both original Bus-du-jour and Micronet 50 controller generations, covering the full range of Satchwell Micronet products in a single solution.
Devices, points, and controller properties are discovered automatically with engineering units mapped to standard Niagara units. The driver provides full read, write, and override capabilities with automatic time synchronization across all connected controllers.
The driver connects via RS-485, supporting up to 32 controllers per segment, requiring no additional gateways or protocol converters.

- ✓ Works with all Satchwell Micronet controllers
- ✓ Supports both Bus-du-jour and Micronet 50 generations
- ✓ Native Communication Protocol (NCP) over RS-485
- ✓ Automatic device, point, and property discovery
- ✓ Reads, writes, and overrides points in real time
- ✓ Automatic engineering unit mapping to Niagara
- ✓ Synchronizes time across all controllers
- ✓ Up to 32 controllers per RS-485 segment
- ✓ Multiple RS-485 ports per JACE for independent networks
- ✓ No controller reprogramming required
- ✓ No annual fees
- ✓ Free technical support and upgrades



Satchwell Micronet Network Architecture

SUPPORTED DEVICES

MN 300	MN 440	MN 500	MN 620
MN 350	MN 450	MN 550	MN 650

SYSTEM REQUIREMENTS

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

CONNECTIVITY

RS-485

Connect Niagara to Satchwell Micronet controllers using the Native Communication Protocol (NCP) over RS-485. Supports both original Bus-du-jour and Micronet 50 generations on a single bus with up to 32 controllers per segment.

ORDERING INFORMATION

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