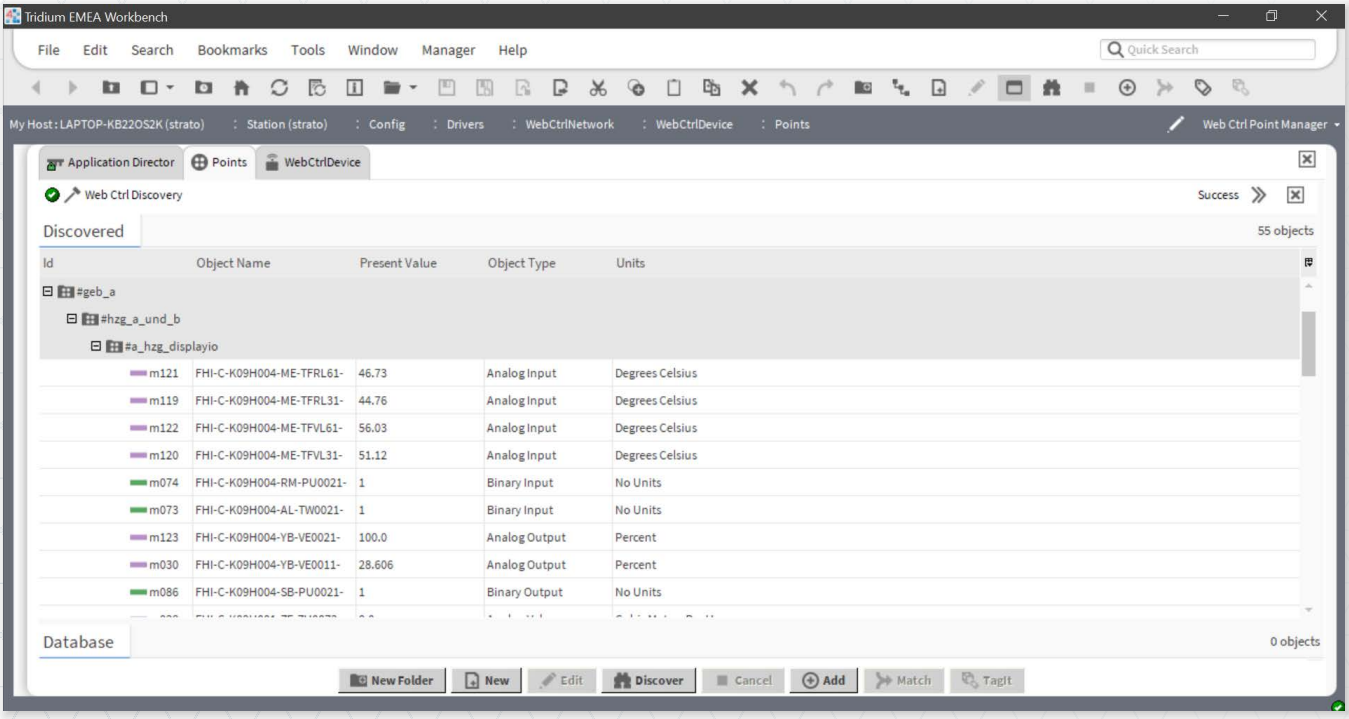
ALC WebCTRL

Niagara Framework Driver

The WebCTRL driver integrates Automated Logic ALC controllers with Tridium Niagara via the existing WebCTRL server, using SOAP over secure HTTPS.
No direct connection to individual controllers is needed. The driver uses the WebCTRL server as a gateway, reaching ARCNET controllers, BACnet devices, and legacy CMnet systems through a single secure connection. This eliminates additional hardware and simplifies deployment.
Points are discovered automatically with their original names, units, and data types preserved. Batch polling ensures efficient bandwidth usage across large installations.
The driver works on-site, remotely, or in the cloud, making it ideal for distributed building portfolios managed from a central Niagara Supervisor.

- ✓ Connects to ALC controllers via existing WebCTRL server
- ✓ Discovers devices and points automatically
- ✓ Preserves original point names, units, and data types
- ✓ Batch polling for efficient data transfer
- ✓ Access to BACnet devices and legacy CMnet systems
- ✓ Secure HTTPS communication
- ✓ Works on-site, remotely, or in the cloud
- ✓ No controller reprogramming required
- ✓ No additional hardware needed
- ✓ No annual fees
- ✓ Free technical support and upgrades



WebCTRL Device Discovery in Niagara Workbench

SUPPORTED DEVICES

ME-LGR25[1]	MEx88U	ZN220	M8102	MX440	U253
ME-LGR200	MEx016U	ZN341V+	M16160	MX4106	U220
ME812u-LGR	MEx12u	ZN141V+	M880nx	MX800	U341v+
ME812U	MEx16u	M0100	MCPU	MX880	U141v+
ME812U-E	SE563	M0320	MX040	MX8102	UNI/16
ME812u-IP	SE6166	M220nx	MX080	MX1600	UNI/30
ME012U	SE6104a	M4106nx	MX0160	MX16160	UNI/59
MEx816U	ZN551	M4106	MX0320	S6104	
MEx48U	ZN253	M8102nx	MX400	U551	

SYSTEM REQUIREMENTS

- ✓ Niagara framework 4.8 or later, including OEM versions
- ✓ WebCTRL v4.0 or later, accessible via HTTPS
- ✓ WebCTRL Enterprise feature enabled (required for SOAP API access)
- ✓ WebCTRL driver license

CONNECTIVITY

HTTPS

The driver communicates with the existing WebCTRL server using SOAP over secure HTTPS. The WebCTRL server acts as a gateway to reach all downstream ARCNET controllers, BACnet devices, and legacy CMnet systems. No direct connection to individual controllers is required.

ORDERING INFORMATION

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

[1] All devices managed by the WebCTRL server