BACnet Testing Laboratories
Product Listing

BACnet functionality in each Listed product has been successfully tested at a Recognized BACnet Testing Organization utilizing the industry standard BTL test suite and test policies that were current at the time it was tested. For Listings with multiple products, some products may have less functionality than is indicated by the Listing document. The PICS document provides information on the specific functionality of each product. Note that PICS documents on the BTL Listings site are provided by the manufacturer and are not independently verified by BTL.

Listing Information (BTL-31216)

Vendor		Listing Status
ETM professional control GmbH Markstraße 3 7000 Eisenstadt Austria		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of February 2024	Revision 19 (135-2016)	February 2024

Product Name	Model Numbers	Firmware version
WinCC Open Architecture BACnet	-	3.20

Device Profiles

Profile	Model Numbers
BACnet Advanced Operator Workstation (B-AWS)	All models

BIBBs Supported

	ReadProperty-A	DS-RP-A
	ReadProperty-B	DS-RP-B
	ReadPropertyMultiple-A	DS-RPM-A
	ReadPropertyMultiple-B	DS-RPM-B
	WriteProperty-A	DS-WP-A
	WriteProperty-B	DS-WP-B
	WritePropertyMultiple-A	DS-WPM-A
	Change Of Value-A	DS-COV-A
	Change Of Value Property-A	DS-COVP-A
	View-A	DS-V-A
Data Sharing	Advanced View-A	DS-AV-A
	Modify-A	DS-M-A
	Advanced Modify-A	DS-AM-A
	Life Safety View-A	DS-LSV-A
	Life Safety Advanced View-A	DS-LSAV-A
	Life Safety Modify-A	DS-LSM-A
	Life Safety Advanced Modify-A	DS-LSAM-A
	Advanced Lighting Output-A	DS-ALO-A
	Lighting View-A	DS-LV-A
	Lighting Advanced View-A	DS-LAV-A
	Lighting Modify-A	DS-LM-A
	Lighting Advanced Modify-A	DS-LAM-A

	Notification-A	AE-N-A
	Acknowledge-A	AE-ACK-A
	LifeSafety-A	AE-LS-A
	View Notifications-A	AE-VN-A
	Advanced View Notifications-A	AE-AVN-A
Alarm and Event Notification	View and Modify-A	AE-VM-A
	Advanced View and Modify-A	AE-AVM-A
	Alarm Summary View-A	AE-AS-A
	Event Log View-A	AE-ELV-A
	Event Log View and Modify-A	AE-ELVM-A
	Life Safety View and Modify-A	AE-LSVM-A
	Life Safety Advanced View and Modify-A	AE-LSAVM-A

Scheduling	Advanced View and Modify-A	SCHED-AVM-A
	View and Modify-A	SCHED-VM-A

	Automated Trend Retrieval-A	T-ATR-A
	Automated Multiple Value Retrieval-A	T-AMVR-A
Trending	View-A	T-V-A
	Advanced View and Modify-A	T-AVM-A
	Archival-A	T-A-A

Device Management	Dynamic Device Binding-A	DM-DDB-A
	Dynamic Device Binding-B	DM-DDB-B
	Dynamic Object Binding-A	DM-DOB-A
	Dynamic Object Binding-B	DM-DOB-B
	DeviceCommunicationControl-A	DM-DCC-A
	TimeSynchronization-A	DM-TS-A
	UTCTimeSynchronization-A	DM-UTC-A
	ReinitializeDevice-A	DM-RD-A
	ReinitializeDevice-B	DM-RD-B
	Backup and Restore-A	DM-BR-A
	List Manipulation-A	DM-LM-A
	Object Creation and Deletion-A	DM-OCD-A
	Automatic Network Mapping-A	DM-ANM-A
	Automatic Device Mapping-A	DM-ADM-A
	Manual Time Synchronization-A	DM-MTS-A
	BBMD Configuration-B	NM-BBMDC-B
	Foreign Device Registration-A	NM-FDR-A

Object Type Support

Device	Network Port	

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	BBMD Register as Foreign Device BACnet/IP, 'DIX' Ethernet
BACnet/SC	

Character Set Support

ISO 10646 (UTF-8) ISO 8859-1