



## BACnet Explorer V.9

### BACnet Explorer for Microsoft Windows

(32-bit and 64-bit)

**Discover BACnet devices on connected networks. The Cimetrics BACnet Explorer is a BACnet client and users can discover all BACnet devices on the directly-connected network. Devices on different networks can also be discovered if the networks are connected by a BACnet Router or BBMD.**

By Connecting the BACnet Explorer to a BACnet Network and with one double click. BACnet devices are automatically discovered and displayed according to their network numbers. Once a device is discovered, users can discover the BACnet Objects in that Device and read the values of an object's properties. Users are also able to filter and sort data. Certain property values can be modified (written to) with a selectable priority.

All BACnet Device ID's and property values of discovered devices can be saved to an XML file or EDE or CSV file formats for machine loading of point lists, off-line review, printout, or comparison. The free version has less functionality as a paid version and contains Cimetrics advertisements and has no support.

#### BACnet Explorer features:

- > Discovery of BACnet devices, objects and properties
- > Supports all BACnet 2016 object types
- > Expanding Tree display
- > Read / Write property values
- > BACnet/IP and BACnet MSTP support
- > Supports both 32- and 64-bit platforms: Windows 7, Windows 8/8.1, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012/R2, Windows 10
- > Extensive Filtering
- > BACnet Device Object

#### BACnet Explorer features:

- > Check that objects and properties in your BACnet device conform to BACnet standard. Run BACnet diagnostics on a live network or on a previously saved file. (Full object support for: analog-input, analog-output, analog-value, averaging, binary-input, binary-output, binary-value, calendar, command, device, file, group, life-safety-point, life-safety-zone, loop, multi-state-input, multi-state-output, event-enrollment, trend-log, structured-view, positive-integer-value, elevator-group, lift, escalator)
- > **NEW!** Net. Core 6.0. BACstac/DN ver.2.1
- > **NEW!** Ability to clear any list property
- > **NEW!** Added Network Number in .EDE file export
- > You can find references to other objects within objects. Ability to access referenced properties and go back to original ones
- > Capture BACnet Packets and save to a file for troubleshooting
- > **Premium Version:** Snapshot Feature—take a snapshot of a network and then compare later
- > **Premium Version:** COV subscription— subscribe to a change of value of object or a property
- > **Premium Version:** Option to save a network to .xml file and restore from this file
- > **Premium Version:** Save discovered point lists (BACnet objects) in machine readable XML format or CSV or EDE

**Support:** One year of telephone & email support for PREMIUM VERSION ONLY

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**BACnet BIBB Support:** DS-RP-A, DS-RPM-A, DS-WP-A, DS-WP-B, DS-WPM-B, DM-DDB-A, DM-DDB-B, DM-DOB-A, DM-DOB-B

**BACnet Writable DataTypes:** NULL, Boolean, Unsigned, Integer, Signed Integer, Real, Double, Character String, Enumerated, BACnetObjectIdentifier, Date, Time, DateTime, OctetString, BIT STRING, OptionalUnsigned, OptionalCharString, BACnetClientCOV, BACnetLandingCallStatus, BACnetAssignedLandingCalls, BACnetLandingDoorStatus, BACnetLiftCarCallList, BACnetObjectPropertyReference, BACnetDeviceObjectPropertyReference, Array&List of any writable types

**BACnet objects types supported:** Supports the following BACstac standard object types: AccessCredential, AccessDoor, AccessPoint, AccessRights, AccessUser, AccessZone, Accumulator, AlertEnrollment, AnalogInput, AnalogOutput, AnalogValue, Averaging, BinaryInput, BinaryOutput, BinaryValue, BinaryLightingOutput, BitStringValue, Calendar, Channel, CharStringValue, Command, CredentialDataInput, DatePatternValue, DateValue, DatetimePatternValue, DatetimeValue, Device, ElevatorGroup, Escalator, EventEnrollment, EventLog, File, GlobalGroup, Group, IntegerValue, LargeAnalogValue, LifeSafetyPoint, LifeSafetyZone, Lift, LightingOutput, LoadControl, Loop, MultiStateInput, MultiStateOutput, MultiStateValue, NetworkPort, NotificationClass, NotificationForwarder, OctetStringValue, PositiveIntegerValue, Program, PulseConverter, Schedule,

## BACnet Explorer

THE PROFESSIONAL'S CHOICE FOR EXPLORING BACNET

Compare our free and premium version

	FREE	PREMIUM
Discover BACnet Network, objects and properties	✓	✓
Write to writable properties	✓	✓
Discover and write to BACnet/IP devices	✓	✓
Discover and write to BACnet MS/TP devices	✓	✓
Find devices with Who-Has request	✓	✓
Read Calendar and Scheduler objects	✓	✓
One year Support	✗	✓
No advertisements	✗	✓
Save and restore a network to a .xml and EDE file	✗	✓
Capture packets	✗	✓
Save network to a .csv file with filtering options	✗	✓
Create a snapshot of a network for later comparison	✗	✓
Subscribe to COV notifications	✗	✓
File Transfer	✗	✓
Support for more writable properties including Elevator Group objects	✗	✓
BACnet objects/properties diagnostics	✗	✓

StructuredView, Timer, TimePatternValue, TimeValue, TrendLog, TrendLogMultiple

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