



The only explorer you need to explore and troubleshoot BACnet/IP TP networks and devices

Premium Version only \$199

Schedule and Calendar Viewing: Provides interfaces to view BACnet Schedule and Calendar objects.

Support for BACnet Objects: Supports most BACnet object types, including Analog Input, Binary Output, and Multi-State Value.

Data Export: Exports data to XML, CSV, and Engineering Data Exchange (.EDE) formats for offline analysis and reporting.

Features

Network Discovery: Automatically identifies and lists all BACnet devices on connected networks, displaying them in real-time as they join.


Object Enumeration: Once a device is discovered, the Explorer enumerates its BACnet objects, allowing users to access and modify object properties.

COV Subscription: Subscribes to Change of Value (COV) notifications to monitor property or object value changes.

Snapshot Comparison: Captures the current state of the BACnet network and compares it with previous snapshots to identify changes over time.

Manual Addition of Nodes: Allows users to manually add networks, devices, objects, and properties, aiding in the detection of hidden nodes.


BACnet Explorer applications




Network Exploration: Discover and display all BACnet devices and their objects on connected networks.



Diagnostics: Verify that objects and properties in BACnet devices conform to BACnet standards.

 **Troubleshooting:** Identify issues such as duplicate devices, network communication problems, and device malfunctions.

 **Data Analysis:** Utilize extensive filtering and sorting features to analyze devices, objects, and properties by various parameters.

GET IN TOUCH

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Licensing Options

Free Version: Offers basic functionalities without technical support and includes Cimetrics advertisements.

Premium Version (\$199): Includes advanced features such as packet capture, COV subscription, snapshot comparison, and data export capabilities. It also provides one year of technical support and free upgrades. Please note that the license is non-transferable and non-replaceable.

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, Array of any types

BACnet Object Types Supported

Supports the following BACstac standard object types: Access Credential, AccessDoor, AccessPoint, Access Rights, AccessUser, AccessZone, Accumulator, AlertEnrollment, AnalogInput, AnalogOutput, AnalogValue, Averaging, BinaryInput, Binary Lighting Output, BinaryOutput, BinaryValue, BitStringValue, Calendar, Channel, CharStringValue, Command, CredentialDataInput, DatePatternValue, DateValue, DatetimePatternValue, DatetimeValue, Device, Elevator Group, Escalator, EventLog, EventEnrollment, File, Global Group, Group, IntegerValue, LargeAnalogValue, LifeSafetyPoint, LifeSafetyZone, Lift, Load Control, Loop, MultiStateInput, MultiStateOutput, MultiStateValue, Network Port, NotificationClass, NotificationForwarder, OctetStringValue, PositiveIntegerValue, Program, PulseConverter, Schedule, StructuredView, TimePatternValue, TimeValue, Timer, TrendLog, TrendLogMultiple.



Cimetrics develops innovative solutions that enable companies, public institutions, and organizations in the industrial and service sectors to optimize the performance, energy efficiency, and cybersecurity of their buildings and facilities. Through cutting-edge software, hardware, and analytics, Cimetrics empowers clients to streamline operations, enhance sustainability, and meet the evolving demands of building automation and data management.



BACNET PRODUCTS

BACnet Routers

BACnet Protocol

Metering Gateways

BACnet Security

ANALYTICS

Cimetrics' *Analytika* provides customers with expert analysis and powerful software tools to translate their automation system data into meaningful, actionable insight.

SECURED BY CIMETRICS™

Secured by Cimetrics™ is a holistic technology framework created to ensure the automation systems in buildings and facilities are appropriately defended from cybersecurity threats.

CONSULTING

We have a specialist team of consultants that helps customers with BACnet equipment to build a streamlined BACnet operation. [Learn more.](#)