



## BACstac/Win™ V 7.6

### BACnet Protocol Stack for Microsoft Windows

(32-bit and 64-bit)

**BACnet protocol stack for Windows with source code**

**BACstac/Win for Projects SDK+dongle**

**The Cimetrics BACstac/Win saves man-years of development when your company needs to develop low-volume BACnet-compliant applications that run on Microsoft Windows. BACstac with a source code will give you an opportunity to develop applications supporting BACnet routing functionality and the creation of multi-device gateways.**

Many Building Automation and Controls manufacturers use a Cimetrics BACstac protocol stack because of our reputation for delivering high-quality software and excellent technical support. Cimetrics does the heavy lifting of testing the BACstac with all of the latest Microsoft operating systems and implementing the new Addenda approved by the BACnet Committee in a timely fashion. We keep our customers UP-TO-DATE with the latest BACnet features and make sure that the code with compatible with the ENDLESS Windows versions and changes.

#### **BACstac/Win features:**

- > Designed for Microsoft Windows OS (Windows 7 or later)
- > **New! Support of the BACnet Secure Connect (BACnet/SC) data link**
- > Support of IPv6 (ANNEX U)
- > Operating systems supported: Windows 7 and later
- > BACstac 7.6 supports all required functionality of BACnet 2016 (protocol revision 19) for all BACnet profiles: B-XAWS, B-AWS, B-OWS, B-OD, B-ALSWs, B-LSWS, B-LSAP, B-AACWS, B-ACWS, B-ACSD, B-BC, B-AAC, B-ASC, B-SA, B-SS, B-ALSC, B-LSC, B-AACC, B-ACC, B-RTR, B-GW, B-BBMD, B-ACDC, and B-ACCR. Most optional functionality of BACnet 2016 is also supported with the following exceptions: Network Security (Chapter 24), Extended MS/TP Frames (Addendum 135-2012an), Virtual Terminal services, Slave Proxy functionality.
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- > Components provided: Static libraries in the COFF format (except BACstac/Win for Projects which includes DLLs), the BACstac service (a Windows service), and example programs (provided as source code written in C)
- > Documentation provided: User's Guide, Installation Guide and Programmers Reference
- > Complete source code is available as an option (B1091 BACnet software for Windows with source code)
- > This release has added a simplified configuration of B/IP and B/IPv6 with BDT

**BACnet services supported:** All BACnet Standard 2016 application services except Virtual Terminal Services.

**BACnet objects types supported:** BACstac v7.6 supports all BACnet 2016 object types: Analog Input, Analog Output, Analog Value, Averaging, Binary Input, Binary Output, Binary Value, Calendar, Command, Device, Event Enrollment, File, Group, Life Safety Point, Life Safety Zone, Loop, Multi-state Input, Multi-state Output, Multi-state Value, Notification Class, Program, Pulse Converter, Schedule, Trend Log, Access Door, Event Log, Load Control, Structured View, Trend Log Multiple, Access Point, Access Zone, Access User, Access Rights, Access Credential, Credential Data Input, CharacterString Value, DateTime Value, Large Analog Value, BitString Value, OctetString Value, Time Value, Integer Value, Positive Integer Value, Date Value, DateTime Pattern Value, Time, Pattern Value, Date Pattern Value, Network Security, Global Group, Notification Forwarder, Alert Enrollment, Channel, Lighting Output, Binary Lighting Output, Network Port, Elevator Group, Lift, Escalator, Accumulator, Network Security, Timer.

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