

## BACnet Protocol Implementation Conformance Statement

### Products

Product	Model Number	Protocol Revision	Software Version	Firmware Version
Desigo CC 1.0	1.0	135-2004	1.0	N/A

Date Tested: The latest information on BTL listings can be found at [www.bacnetassociation.org/btl](http://www.bacnetassociation.org/btl).

### Vendor Information

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### Product Description

Desigo CC from Siemens is an integration platform for managing facility systems and enterprise applications. Optimized as an extension of the powerful APOGEE Automation System, Desigo CC allows full building operation as well as complete system configuration from the convenience of a standard Web browser, from a dedicated console for mission-critical applications, or from a Windows Desktop App for optimal mobile performance. Users find the workflow driven interface, designed around role-based profiles and flexible user-defined views, easy to learn and easy to use as it grows with their expertise. Desigo CC is built on building automation, fire safety, security, video, and IT standards, and provides the application support necessary for automating intelligent control and providing actionable information.

### BACnet Standardized Device Profile

Supported	Device Profile
•	BACnet Advanced Operator Workstation (B-AWS)

### Supported BACnet Interoperability Building Blocks (BIBBs)

BIBB	Name	Initiate	Execute
DS-RP-A	Data Sharing-ReadProperty-A	•	
DS-RP-B	Data Sharing-ReadProperty-B		•
DS-RPM-A	Data Sharing-ReadPropertyMultiple-A	•	
DS-RPM-B	Data Sharing-ReadPropertyMultiple-B		•
DS-WP-A	Data Sharing-WriteProperty-A	•	
DS-WP-B	Data Sharing-WriteProperty-B		•
DS-WPM-A	Data Sharing-WritePropertyMultiple-A	•	
DS-COV-A	Data Sharing-COV-A	•	
DS-V-A	Data Sharing - View - A	•	
DS-AV-A	Data Sharing - Advanced View - A	•	
DS-M-A	Data Sharing - Modify - A	•	
DS-AM-A	Data Sharing - Advanced Modify - A	•	
<b>Scheduling</b>			
SCHED-VM-A	Scheduling-View and Modify-A	•	
SCHED-AVM-A	Scheduling-Advanced View and Modify-A	•	
SCHED-WS-A	Scheduling-Weekly Schedule-A	•	
<b>Alarm and Event Management</b>			
AE-N-A	Alarm and Event-Notification-A	•	
AE-ACK-A	Alarm and Event-ACK-A	•	
AE-ASUM-A	Alarm and Event-Alarm Summary-A	•	
AE-INFO-A	Alarm and Event-Information-A	•	
AE-LS-A	Alarm and Event-LifeSafety - A	•	
AE-ESUM-A	Alarm and Event-Enrollment Summary-A	•	
AE-VM-A	Alarm and Event Management - View and Modify - A	•	
AE-AVM-A	Alarm and Event Management - Advanced View and Modify - A	•	
AE-VN-A	Alarm and Event Management - View Notifications - A	•	
AE-AVN-A	Alarm and Event Management - Advanced View Notifications - A	•	
<b>Trending</b>			
T-V-A	Trending-Viewing and Modifying Trends-A	•	
T-ATR-A	Trending-Automated Trend Retrieval-A	•	
T-AVM-A	Trending-Advanced View and Modify -A	•	
<b>Network Management</b>			
NM-CE-A	Network Management-Connection Establishment-A	•	

<b>Device Management</b>			
DM-DDB-A	Device Management-Dynamic Device Binding-A	•	
DM-DDB-B	Device Management-Dynamic Device Binding-B		
DM-DOB-A	Device Management-Dynamic Object Binding-A	•	
DM-DOB-B	Device Management-Dynamic Object Binding-B		•
DM-DCC-A	Device Management-DeviceCommunicationControl-A	•	
DM-MTS-A	Device Management-Manual Time Synchronization-A	•	
DM-ATS-A	Device Management-Automatic Time Synchronization-A	•	
DM-TS-A	Device Management-TimeSynchronization-A	•	
DM-UTC-A	Device Management-UTCTimeSynchronization-A	•	
DM-RD-A	Device Management-ReinitializeDevice-A	•	
DM-BR-A	Device Management-Backup and Restore-A	•	
DM-LM-A	Device Management-List Manipulation-A	•	
DM-LM-B	Device Management-List Manipulation-B		•
DM-OCD-A	Device Management-Object Creation and Deletion-A	•	
DM-ANM-A	Device Management-Automatic Network Mapping-A	•	
DM-ADM-A	Device Management-Automatic Device Mapping-A	•	

### Standard Object Types Supported

<b>Object Type</b>
Device

### Data Link Layer Options

•	BACnet IP, (Annex J)
•	BACnet IP, (Annex J), Foreign Device
•	ISO 8802-3, Ethernet (Clause 7)
	ANSI/ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
	ANSI/ATA 878.1, RS-485 ARCNET (Clause 8), baud rate(s) _____
	MS/TP master (Clause 9), baud rate(s): _____
	MS/TP slave (Clause 9), baud rate(s): _____
	Point-To-Point, EIA 232 (Clause 10), baud rate(s): _____
	Point-To-Point, modem, (Clause 10), baud rate(s): _____
	LonTalk, (Clause 11), medium: _____
	Other: _____

### Segmentation Capability

Can transmit segmented messages	Yes	Window Size: 16 (Configurable)
Can receive segmented messages	Yes	Window Size: 16 (Configurable)

### Device Address Binding

Is Static Device Binding supported?	Yes
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### Networking Options

	Router, Clause 6
	Annex H.3, BACnet Tunneling Router over UDP/IP
•	BACnet/IP Broadcast Management Device (BBMD)
Yes	Does the BBMD support registrations by Foreign Devices?

## Character Sets

•	ANSI X3.4
	ISO 10646 (UCS-2)
	IBM/Microsoft DBCS
	ISO 10646 (ICS-4)
	ISO 8859-1
	JIS C 6226

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