DNET-1000 BACnet PICS

BACnet Protocol Implementation Conformance Statement (PICS)

native BACnet, connectin	August 18, 2016 ICC, Inc. DNET-1000 Multiprotocol DeviceNet Gateway DNET-1000 V5.300 V5.300 12 iceNet to RS-485 multiprotocol gateway. This product supports g directly to the MS/TP LAN using baud rates of 9600, 19200, d 115200. The device can be configured as a BACnet Client or
BACnet Standard Device Profi	le (Annex L):
 □ BACnet Operator Workstation □ BACnet Building Controller (B- □ BACnet Advanced Application □ BACnet Application Specific C □ BACnet Smart Sensor (B-SS) □ BACnet Smart Actuator (B-SA 	Controller (B-AAC) Controller (B-ASC)
BACnet Interoperability Building	ng Blocks Supported (Annex K):
☑ Device Management – Dynam☑ Device Management – Dynam	B (DS-RP-B) Multiple-B (DS-RPM-B) A (DS-WP-A) B (DS-WP-B) Multiple-B (DS-WPM-B) IIIC Device Binding-A (DM-DDB-A) IIIC Device Binding-B (DM-DDB-B) IIIC Object Binding-B (DM-DOB-B) CommunicationControl-B (DM-DCC-B)
Segmentation Capability:	Mindow Oine
☐ Able to transmit segmented m☐ Able to receive segmented me	

Standard Object Types Supported:

	Object Type											
Property	Device	Binary Input	Binary Output		Analog Input	Analog Output	Analog Value	Multi- state Input	Multi- state Output	Multi- state Value		
Object Identifier	R	R	R	R	R	R	R	R	R	R		
Object Name	R	R	R	R	R	R	R	R	R	R		
Object Type	R	R	R	R	R	R	R	R	R	R		
System Status	R											
Vendor Name	R											
Vendor Identifier	R											
Model Name	R											
Firmware Revision	R											
App Software Revision	R											
Protocol Version	R											
Protocol Revision	R											
Services Supported	R											
Object Types Supported	R											
Object List	R											
Max APDU Length	R											
Segmentation Support	R											
APDU Timeout	W (1065535)											
Number APDU Retries	W (010)											
Max Master	W (1127)											
Max Info Frames	R											
Device Address Binding	R											
Database Revision	R											
Present Value		R	W	W	R	W	W	R	W	W		
Status Flags		R	R	R	R	R	R	R	R	R		
Event State		R	R	R	R	R	R	R	R	R		
Reliability		R	R	R	R	R	R	R	R	R		
Out-of-Service		R	R	R	R	R	R	R	R	R		
Number of States								R	R	R		
Units					R	R	R					
Priority Array			R	R		R	R		R	R		
Relinquish Default			R	R		R	R		R	R		
Polarity		R	R									
Inactive Text		R	R	R								
Active Text		R	R	R								

R – readable using BACnet servicesW – readable and writable using BACnet services

If this product is a communication gateway, describe the types of non-BACnet equipment/networks(s) that the gateway supports:

Refer to protocol-specific manuals for other supported protocols.