<image/> <section-header><section-header><text></text></section-header></section-header>	Critical Environment Technologies Canada Inc. (CETCI) has been granted the BACnet® Testing Laboratories (BTL) certification for the CETCI BACnet® Module upon passing the BTL requirements for the BACnet® Smart Actuator (B-SA) designation. This document contains the BACnet® Protocol Implementation Conformance Statement (PICS) information that can also be found on the BACnet® International website at http://www.bacnetinternational.org If you have any questions or required assistance, please do not hesitate to contact our service department for technical support. Critical Environment Technologies Canada Inc. Unit 145, 7391 Vantage Way, Delta, BC V4G 1M3 Toll Free: +1.877.940.8741 Telephone: 604.940.8741 Fax: 604.940.8745 service@cetci.com www.critical-environment.com	Date: June 2016 Vendor Name: Critical Environment Technologies Canada Inc. Product Name: CETCI BACnet® Module for QCC-B, FCS-B, LPT-P-B and LPT-B Product Model Numbers: QCC-B, FCS-B, LPT-P-B, LPT-B Product Model Numbers: QCC-B, FCS-B, LPT-P-B, LPT-B Product Dosoftware Version: 1.12 Firmware Revision: 1.00.81 BACnet® Protocol Version/Revision: 14 Product Description: The CETCI BACnet® Module is a microprocessor intended to plug into CETCI's FCS Flexible Control System Controller, QCC Quad Channel Controller and the LPT-B BACnet® Transmitter to facilitate BACnet® communications protocol between the device and a building automation system commonly used in HVACr applications. BACnet® Standardized Device Profile (Annex L): BACnet® Digrator Workstation (B-OWS) BACnet® Building Controller (B-BC) BACnet® Advanced Application Controller (B-AAC) BACnet® Application Specific Controller (B-ASC) BACnet® Smart Sensor (B-SS) MBACnet® Smart Actuator (B-SA)	Service Responds to DS-RP-B ReadProperty-B X DS-WP-B WriteProperty-B X DM-DDB-B Dynamic Object Device Binding-B X DM-D0B-B Dynamic Object Binding-B X DM-D0B-B Dynamic Object Binding-B X DM-D0B-B Dynamic Object Binding-B X DM-D0B-B DeviceCommunicationControl-B X DM-D0C-B ReinitializeDevice-B X Mindow Size 480 Segment requests supported Window Size 480 Segment requests supported Window Size 480		
 Standard Object Types Supported: An object type is supported if it may be present in the device. For each standard Object Type supported provide the following data: Whether objects of this type are dynamically creatable using the CreateObject service Whether objects of this type are dynamically deletable using the DeleteObject service List of the optional properties supported List of all properties that are writable where not otherwise required by this standard List of proprietary properties and for each its property identifier, datatype, and meaning List of any property range restrictions Mote: none of the object types listed in this section is dynamically creatable or dynamically deletable. 	Note: the BACnet conformance codes are as follows: 0 - Optional (may be required under some conditions) R - Required, but not required to be writable (may be required to be writable under some conditions) W - Not only required, but also required to be writable The following codes are used in this document to describe how the properties are implemented: R/W Read/write R/O Read-only R/O=value Implemented as a read-only with the indicated value	PropertyBACnet® Conf CodeImplementationObject_IdentifierRR/WObject_NameRR/WObject_TypeRR/O="device"System_StatusRR/O="operational"Vendor_NameRR/OVendor_IdentifierRR/OModel_NameRR/OFirmware_RevisionRR/OLocationOR/WProtocol_VersionRR/O=11Protocol_RevisionRR/OProtocol_Services_SupportedRR/OObject_ListRR/O	Max_APDU_Length_Accepted R R/0=480 Segmentation_Supported R R/0="none" Local_Time O R/0 Local_Date O R/0 UTC_Offset O R/W Daylight_Savings_Status O R/0 Number_Of_APDU_Retries R R/W=1 Max_Master O R/0=empty list Data_Base_Revision R R/0 Max-Info-Frames O R/0=1		

Analog Input			Analog Output			Binary Input			Binary Output		
Property	BACnet® Conf Code	Implementation	Property	BACnet® Conf Code	Implementation	Property	BACnet® Conf Code	Implementation	Property	BACnet® Conf Code	Implementation
Object_Identifier Object_Name Object_Type Present_Value Status_Flags Event_State Out_Of_Service Units Property_List	R R R R R R	R/O R/O="analog input" R/O R/O="normal" R/O=FALSE R/O R/O	Object_Identifier Object_Name Object_Type Present_Value Status_Flags Event_State Out_Of_Service Units Priority_Array Relinquish_Default Property_List	R R W R R R R R R	R/O R/O="analog-output" R/W R/O="all normal" R/O="normal" R/O=FALSE R/O R/O R/W R/O	Object_Identifier Object_Name Object_Type Present_Value Status_Flags Event_State Out_Of_Service Polarity Property_List	R R R R R R	R/O R/O="binary-input" R/O="all normal" R/O="normal" R/O=FALSE R/O R/O	Object_Identifier Object_Name Object_Type Present_Value Status_Flags Event_State Out_Of_Service Polarity Priority_Array Relinquish_Default	R R W R R R R R R	R/O R/O="binary-output" R/W R/O="all normal" R/O="normal" R/O=FALSE R/O R/O R/W
-	9~			~10~			~11~			~12~	
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 Node (Clause 9), baud rate(s): 9600, 19200, 38400, 57600, 76800, 115200 □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: Device Address Binding: Is static device binding supported? (This is currently necessary for two-way communication with MS/TP slaves and certain other devices.) ☑ Yes		Networking Options: □Router, Clause 6 - List all routing configurations, e.g., ARCNET-Ethernet, Ethernet-MS/TP, etc. □Annex H, BACnet Tunneling Router over IP □BACnet®/IP Broadcast Management Device (BBMD) Does the BBMD support registrations by Foreign Devices? □ Yes ☑ No Character Sets Supported: Indicating support for multiple character sets does not imply that they can all be supported simultaneously. □ANSI X3.4 □IBM™/Microsoft™ DBCS □ISO 8859-1 ☑ISO 10646 (UTF-8) □JIS C 6226 □ISO 10646 (UCS-2) □ISO 10646 (UCS-4) Network Security Options: ☑Non-secure Device - is capable of operating without BACnet® Network Security			 FCS-B, QCC-B and LPT-B WAN Baud rate =78,600 (d) Base address = 270 (d) MAC address = 100 (d) Parity = no parity Stop bits = 1 Data bits = 8 BACnet* is a registered trademark of Am Air-Conditioning Engineers (ASHRAE). 	BACnet® Com efault, configura lefault, configur lefault, configur	munications Defaults: able) rable) rable)				
~	13~			~14~			~15~			© 2018 Critica	Environment Technologies Canada Inc. Data subject to change without notice.