ANNEX A - PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT
(This annex is part of this Standard and is required for its use.)

BACnet Protocol Implementation Conformance Statement

Date: 29 October 2019
Vendor Name: eGauge Systems LLC
Product Name: eGauge
Product Model Number: eGauge2, EG30xx, EG4xxx
Application Software Version: 4.0 or newer **BACnet Protocol Revision**: 0.8.6

Product Description:
Multi-channel electric power and energy meter.

BACnet Standardized Device Profile (Annex L):

☐ BACnet Operator Workstation (B-OWS)
☐ BACnet Advanced Operator Workstation (B-AWS)
☐ BACnet Operator Display (B-OD)
☐ BACnet Building Controller (B-BC)
☐ BACnet Advanced Application Controller (B-AAC)
☐ BACnet BACnet Application Specific Controller (B-ASC)
☑ BACnet Smart Sensor (B-SS)
☐ BACnet Smart Actuator (B-SA)

List all BACnet Interoperability Building Blocks Supported (Annex K): DS-RP-B, DM-DDB-B, DM-DOB-B.

Segmentation Capability:

☐ Able to transmit segmented messages Window size _____
☐ Able to receive segmented messages Window size _____

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:

1. Whether objects of this type are dynamically creatable using the CreateObject service
2. Whether objects of this type are dynamically deletable using the DeleteObject service
3. List of the optional properties supported
4. List of all properties that are writable where not otherwise required by this standard
5. List of all properties that are conditionally writable where not otherwise required by this standard
6. List of proprietary properties and for each its property identifier, datatype, and meaning
7. List of any property range restrictions

Object-Type	Dynamically Creatable	Dynamically Deletable	Optional Properties Supported	Writable Properties	Object-ID range	Description
Device	No	No	-	-	123	
Analog Input	No	No	-	-	0x20000-0x2ffff	Voltages
Analog Input	No	No	-	-	0x30000-0x3ffff	Sensor Values
Analog Input	No	No	-	-	0x50000-0x5ffff	Frequencies
Analog Input	No	No	-	-	0x60000	Timestamp
Analog Input	No	No	-	-	0x70000-0x7ffff	Register values
Analog Input	No	No	-	-	0x80000-0x8ffff	Register change
Analog Input	No	No	-	-	0x90000-0x9ffff	Mean Voltages
Analog Input	No	No	-	-	0xa0000-0xaffff	Mean Sensor Values
Analog Input	No	No	-	-	0xb0000-0xbffff	Register values, index by register ID
Analog Input	No	No	-	-	0xc0000-0xcffff	Register change, index by register ID

Data Link Layer Options:

✓ BACnet IP, (Annex J)

☐ BACnet IP, (Annex J), Foreign Device

✓ ISO 8802-3, Ethernet (Clause 7)

☐ ATA 878.1, 2.5 Mb. ARCNET (Clause 8)

☐ ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s) _____

✓ MS/TP master (Clause 9), baud rate(s): 9600 to 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: _____

☐ BACnet/ZigBee (ANNEX O)

☐ 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 ✓ No

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

Does the BBMD support network address translation? ☐ Yes ☐ No

Network Security Options:

✓ Non-secure Device - is capable of operating without BACnet Network Security

☐ Secure Device - is capable of using BACnet Network Security (NS-SD BIBB)

☐ Multiple Application-Specific Keys:

☐ Supports encryption (NS-ED BIBB)

☐ Key Server (NS-KS BIBB)

Character Sets Supported:
Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

✓ ISO 10646 (UTF-8) ☐ IBM™ /Microsoft™ DBCS ☐ ISO 8859-1

☐ ISO 10646 (UCS-2) ☐ ISO 10646 (UCS-4) ☐ JIS X 0208

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