Date: June 23, 2015
Vendor Name: LOYTEC electronics GmbH
Product Name: L-WEB 900 Integrated Building Management System
Product Model Number: LWEB-900
Applications Software Version: V2
Firmware Revision: 2.0
BACnet Protocol Revision: 135-2012 (1.12)

Product Description:

This product implements a BACnet operating workstation for the PC platform based on BACnet/IP. LWEB-900 can discover BACnet devices in the BACnet network and allows an operator to view and manipulate BACnet properties, both standard and custom ones, in real time. An operator can retrieve and graphically view alarming, scheduling, and trending information of BACnet devices. This information can be included in reports, which may be generated periodically or manually. LWEB 900 features BACnet time master functionality and supports BACnet backup and restore.

BACnet Standardized Device Profile (Annex L):

BACnet Operating Workstation (B-OWS)

BACnet Interoperability Building Blocks Supported (Annex K):

Data Sharing-ReadProperty-A (DS-RP-A)
Data Sharing-ReadProperty-B (DS-RP-B)
Data Sharing-ReadPropertyMultiple-A (DS-RPM-A)
Data Sharing-ReadPropertyMultiple-B (DS-RPM-B)
Data Sharing-WriteProperty-A (DS-WP-A)
Data Sharing-WritePropertyMultiple-A (DS-WPM-A)
Data Sharing-View-A (DS-V-A)
Data Sharing-Modify-A (DS-M-A)
Alarm and Event-Notification-A (AE-N-A)
Alarm and Event-Management-View Notifications-A (AE-VN-A)
Alarm and Event-ACK-A (AE-ACK-A)
Alarm and Event-Alarm Summary-A (AE-ASUM-A)
Alarm and Event-Enrollment Summary-A (AE-ESUM-A)
Alarm and Event-Information-A (AE-INFO-A)
Alarm and Event Management-View Notifications-A (AE-VN-A)
Alarm and Event Management-View and Modify-A (AE-VM-A)
Alarm and Event Management-Alarm Summary-View-A (AE-AS-A)
Scheduling-View and Modify-A (SCHED-VM-A)
Trending-View-A (T-V-A)
Device Management-DynamicDeviceBinding-A (DM-DDB-A)
Device Management-DynamicDeviceBinding-B (DM-DDB-B)
Device Management-DynamicObjectBinding-B (DM-DOB-B)
Device Management-Manual Time Synchronization-A (DM-MTS-A)
Device Management-TimeSynchronization-A (DM-TS-A)
Device Management-UTCTimeSynchronization-A (DM-UTC-A)
Device Management-Automatic Time Synchronization-A (DM-ATS-A)
Device Management-ReinitializeDevice-A (DM-RD-A)
Device Management-Backup and Restore-A (DM-BR-A)
Device Management-Restart A (DM-R-A)

Segmentation Capability:

Segmented requests supported, window size: 4
Segmented responses supported, window size: 4

Standard Object Types Supported:

For all object types below the following applies if not stated otherwise:
    1) Objects cannot be created via CreateObject and DeleteObject services
    2) Object_Name, Description support up to 64 characters
    3) All required properties exist as specified for the object class
    4) No additional writeable properties exist
    5) No proprietary properties exist
    6) No range restrictions exist

Device Object

List of optional properties supported:
Description, Max_Segments_Accepted, APDU_Segment_Timeout, Active_COV_Subscriptions, Local_Time,
Local_Date, UTC_Offset, Daylight_Saving_Status, Time_Synchronization_Recipients,
UTC_Time_Synchronization_Recipients, Time_Synchronization_Interval, Align_Intervals, Interval_Offset,

Data Link Layer Options:

☑ BACnet IP, (Annex J)
☑ BACnet IP, (Annex J), Foreign Device
☐ ISO 8802-3, Ethernet (Clause 7)
☐ MS/TP master (Clause 9), baud rate(s): 9600, 19200, 38400, 76800
☐ 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:

Device Address Binding:

Static device address binding is not supported.

Networking Options:

☐ Router, Clause 6 – MS/TP to BACnet/IP
☐ Annex H, BACnet Tunneling Router over IP
☐ BACnet/IP Broadcast Management Device (BBMD)
☐ Registrations by Foreign Devices

Character Sets Supported:

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

☑ ANSI X3.4/UTF-8   ☐ IBM™/Microsoft™ DBCS   ☑ ISO 8859-1
☑ ISO 10646 (UCS-2)   ☐ ISO 10646 (UCS-4)   ☐ JIS C 6226

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

The device is not a communication gateway.

Network Security Options:

The device is capable of operating without BACnet Network Security.

Additional Information and Contact:

Further Information, a detailed User Manual and firmware updates can be obtained from our website
http://www.loytec.com.

For information and technical support please contact us at the following address:

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