Chipkin Announces an Update to the CAS BACnet Stack - Enhanced Support for BACnet BIBBs - COV

Chipkin Automation Systems Inc. is proud to announce a much-anticipated update to the CAS BACnet Stack. This update provides added support for these BACnet BIBBs: DS-COVP-B and DS-COVM-A, DS-COVM-B.

Vancouver, Canada - August 24th, 2020 – The newest version of CAS BACnet Stack is now available from Chipkin Automation Systems Inc. with enhanced features. Chipkin has added support for the following BACnet BIBBs:

- **DS-COVP-B** - Subscribe COVProperty - Adds the SubscribeCOVProperty Service
- **DS-COVM-A, DS-COVM-B** - Subscribe COV Multiple

DS-COVP-B

COVProperty allows for a BACnet client to subscribe to a specific property of a BACnet object. Unlike the basic COV subscription that only allows for subscriptions of the present_value and status flags. Subscribe COVProperty service also allows for BACnet clients to subscribe to vendor proprietary property.

Real-World Example: This can be useful for monitoring a change of value to the units of a sensor. The BACnet client would then be notified when the sensor changes the units and could update a HMI accordingly

DS-COVM-A, DS-COVM-B

COVMultiple allows for a BACnet client to subscribe to multiple BACnet objects in a single message. When any of the subscribed values are updated on the BACnet server, a single message is sent to the BACnet client. This can significantly reduce COV bandwidth consumed.

COV Multiple also has a parameter for Max Notification Delay parameter. This parameter tells the server that it must send a COV Notification within the delay time. That means it can compile the changes and send them all out in one message.

Visit Chipkin's website for more information regarding CAS BACnet Stack:
http://store.chipkin.com/services/stacks/bacnet-stack

A basic BACnet IP server example written in C++ using the CAS BACnet Stack:
https://github.com/chipkin/BACnetServerExampleCPP

About Chipkin

Established in 2000, Chipkin Automation Systems Inc. is a specialized engineering company providing services that are currently focused on system integration, GE Lighting, network protocol conversion, custom firmware and software development.

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