

Clarification Request

References: BTL Test Plan table 13-3.

Background:

Clarifying the required Protocol_Revision dependent breadth of AE-VN-A. Here is the Table 13-3 from 135-2008, which includes Accumulator and Pulse Converter, introduced in Protocol_Revision 4, Load Control and Access Door introduced in Protocol_Revision 6, and Event Log and Trend Log Multiple introduced in Protocol_Revision 7.

Table 13-3. Standard Object Property Values Returned in Notifications

Object	Event Type	Notification Parameters	Referenced Object's Properties
Access Door	CHANGE_OF_STATE	New_State Status_Flags	Door_Alarm_State Status_Flags
Binary Input, Binary Value, Multi-state Input, Multi-state Value	CHANGE_OF_STATE	New_State Status_Flags	Present_Value Status_Flags
Binary Output, Multi-state Output	COMMAND_FAILURE	Command_Value Status_Flags Feedback_Value	Present_Value Status_Flags Feedback_Value
Load Control	COMMAND_FAILURE	Command_Value Status_Flags Feedback_Value	Requested_Shed_Level Status_Flags Actual_Shed_Level
Loop	FLOATING_LIMIT	Referenced_Value Status_Flags Setpoint_Value Error_Limit	Controlled_Variable_Value Status_Flags Setpoint Error_Limit
Analog Input, Analog Output, Analog Value, Pulse Converter	OUT_OF_RANGE	Exceeding_Value Status_Flags Deadband Exceeded_Limit	Present_Value Status_Flags Deadband Low_Limit or High_Limit
Event Log, Trend Log, Trend Log Multiple	BUFFER_READY	Buffer_Property Previous_Notification Current_Notification	BACnetDeviceObjectPropertyReference ¹ Last_Notify_Record Total_Record_Count
Life Safety Point, Life Safety Zone	CHANGE_OF_LIFE_SAFETY	New_State New_Mode Status_Flags Operation_Expected	Present_Value Mode Status_Flags Operation_Expected
Accumulator	UNSIGNED_RANGE	Exceeding_Value	Pulse_Rate

		Status_Flags Exceeded_Limit	Status_Flags Low_Limit or High_Limit
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Question:

Should Test Plan 5.0 have already had a section "Processes UNSIGNED_RANGE notifications" in Protocol_Revision 4? Will sections "Processes COMMAND_FAILURE notifications from the Load Control object" and "Processes CHANGE_OF_STATE notifications from the Access Door object" be required when Protocol_Revision is 6?

Response:

Yes. The test plan will be updated to ensure all notifications required by the BIBBs AE-VN-A and AE-N-A are required by the test plan.