

Clarification Request

References: 135.1-2013 - 5 - EPICS Consistency Tests

Date of BTL-WG Response: May 11, 2017

☐ All actions necessitated have been completed

Background:

135.1-2013 - 5 - EPICS Consistency Tests

In the BTL Checklist-14.0, you can find that a least one of these two following service is required in order to claim conformance to this BIBB. DS-COV-A:

- Can subscribe for confirmed notifications
- Can subscribe for unconfirmed notifications

Data Sharing - COV - A		
X	R	Base Requirements
X	R	Subscribes with lifetimes up to 8 hours in duration
	C ¹	Can subscribe for confirmed notifications
X	C ¹	Can subscribe for unconfirmed notifications
X	C ²	Can subscribe for COV from Analog objects
X	C ²	Can subscribe for COV from Binary objects
	C ²	Can subscribe for COV from Life Safety objects
	C ²	Can subscribe for COV from Loop objects
X	C ²	Can subscribe for COV from Multi-state objects
	C ²	Can subscribe for COV from <u>CharacterString</u> objects
	C ²	Can subscribe for COV from <u>Date</u> objects
	C ²	Can subscribe for COV from <u>DateTime</u> objects
	C ²	Can subscribe for COV from Integer objects
	C ²	Can subscribe for COV from Large Analog objects
	C ²	Can subscribe for COV from <u>OctetString</u> objects
	C ²	Can subscribe for COV from Positive Integer objects
	C ²	Can subscribe for COV from Time objects
	BTL-C ³	Can cancel subscriptions
	O	Can subscribe for COV from proprietary objects
	N	Can request infinite subscriptions
¹ At least one of these options is required in order to claim conformance to this BIBB. ² At least one of these options is required in order to claim conformance to this BIBB. ³ Support for this option is suggested except in the case where the device is able to generate infinite subscriptions in which case it is required.		

But, in standard 135-2016, for the BIBB DS-COV-A in the small table of the required services both COVs are required. I do not see any indication that only one of the two is needed.

K.1.11 BIBB - Data Sharing-Change Of Value-A (DS-COV-A)

The A device is a user of COV data from device B.

BACnet Service	Initiate	Execute
SubscribeCOV	x	
ConfirmedCOVNotification		x
UnconfirmedCOVNotification		x

Support for subscriptions of a limited lifetime is required, and support for subscriptions of indefinite lifetime is optional.

Problem:

A device that support only executing of one of these two services UnconfirmedCOVNotification or ConfirmedCOVNotification will fail the epics consistency check for BIBB DS-COV-A

Question:

Are both BACnet Services – ConfirmedCOVNotification and UnconfirmedCOVNotification – for claiming DS-COV-A support required?
Has the BTL Checklist-14.0 an issue?

Response:

No. This issue was already addressed at the BACnet committee. They have decided only support for one of the two services (ConfirmedCOVNotification and UnconfirmedCOVNotification) is required. The BACnet Committee is working on an addendum to the BACnet Standard to reflect the needed change.

The BTL Checklist is correct, but the implementation of the EPICS consistency test (d and e) may need updating in test tools.