INTERPRETATION IC 135-2016-16 OF
ANSI/ASHRAE STANDARD 135-2016 BACnet® -
A Data Communication Protocol for Building
Automation and Control Networks

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Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 135-2016, Clause K.1.12, regarding devices claiming conformance to DS-COV-B.

Background: In Clause 13.1 the standard says: *It is responsibility of the COV-Server to maintain the list of active subscriptions for each object that support COV Notification. This list of subscriptions shall be capable of holding at least a single subscription for each object that supports COV notification.*

Then in K.1.12 the standard says: *Devices claiming conformance to DS-COV-B shall support a minimum of five concurrent subscriptions.*

Interpretation: There is a single list of active subscriptions within the device; this list shall hold at least 5 elements, whatever the number of object supporting COV notification is. Every object supporting COV notification shall be capable of holding at least a single subscription for each object that supports COV notification, till a minimum of 5 concurrent subscription overall. Any subscriber trying to subscribe as the 6th or higher concurrent subscriber might receive an error of type: NO_SPACE_TO_ADD_LIST_ELEMENT.

Question: Is this Interpretation correct?

Answer: No.

Comments: A device that supports DS-COV-B shall support a single subscription for each object that supports COV notifications and, if that number of objects is less than 5, at least 5 subscriptions shall be supported.