

**INTERPRETATION IC 135-2010-11 OF
ANSI/ASHRAE STANDARD 135-2010 BACnet® -
A Data Communication Protocol for Building
Automation and Control Networks**

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Reference: This request for interpretation refers to standard ANSI/ASHRAE 135-2010, Clause 12.11.19, "**Segmentation_Supported**", and Clause 12.11.20, "**Max_Segments_Accepted**", both on page 199.

Background:

The property **Segmentation_Supported** of the Device object indicates the segmentation capabilities of the BACnet device. Two of the possible values of this object, **SEGMENTED_BOTH** and **SEGMENTED_RECEIVE**, indicate that the device is capable of receiving segmented APDUs. Receiving segmented APDUs covers both receiving segmented confirmed requests and receiving segmented complex ACK messages.

The property **Max_Segments_Accepted** of the Device object indicates the maximum number of segments of an APDU that the device can receive, for both segmented requests and segmented complex ACK messages.

Interpretation:

For the case that a BACnet device is claiming support of reception of segmented APDUs, indicated by **SEGMENTED_BOTH** or **SEGMENTED_RECEIVE** in the property **Segmentation_Supported** of the Device object, the value of the property **Max_Segments_Accepted** of the Device object shall have a value greater than one (1).

Question: Is this interpretation correct?

Answer: Yes.