**INTERPRETATION IC 135-2004-7 OF
ANSI/ASHRAE STANDARD 135-2004 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 135-2004, Sections K.5.15 and K.5.16.

Background: The ReinitializeDevice service is used to instruct a remote device to perform restart or reset-type functionality. In Addendum c to 135-1995, the ReinitializeDevice service was modified to allow for the backing up of, and restoring of BACnet devices. There are two BIBBs for indicating support for the client and server sides of the ReinitializeDevice service, Device Management-Reinitialize Device-A (DM-RD-A) and Device Management-Reinitialize Device-B (DM-RD-B), respectively. Although I have been unable to find this requirement explicitly mentioned in either 135-2004, or 135.1-2003, I understand from committee discussions that the general contract for claiming support for a service is that a device be able to execute all forms of the service in order to claim support for the service. If a device has to be able to support all forms of the ReinitializeDevice service, including the backup and restore options added later, then this does two things: (1) it retroactively invalidates the claims of devices developed prior to 135c-2005 that do not support the backup and restore options, and (2) it makes BIBBs DM-BR-A (K.5.17) and DM-BR-B (K.5.18) redundant, since a device claiming DM-RD-A/B would already support DM-BR-A/B. Should a device be able to claim support for a DM-RD-A/B BIBB without including support for the corresponding DM-BR-A/B BIBB?

Interpretation: Devices may claim DM-RD-A/B without supporting the Backup and Restore procedures. A DM-RD-A device does not need to be able to initiate a ReinitializeDevice request with any of the backup or restore parameters. Similarly, a DM-RD-B device does not need to be able to carry out the Backup procedure, and may return an error if it receives a ReinitializeDevice request with any of the backup or restore parameters.

Question: Is this interpretation correct?

Answer: Yes

Comments: The standard will be updated to indicate that a device is allowed support execution of the ReinitializeDevice and not support execution of the forms of the service used for the Backup and Restore procedures.