**INTERPRETATION IC 135-2024-10 OF
ANSI/ASHRAE STANDARD 135-2024 BACnet® -
A Data Communication Protocol for Building
Automation and Control Networks**

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Reference: This request for interpretation refers to ANSI/ASHRAE Standard 135-2024, Clause 12.56.16, regarding the limitations of the Command property of a Network Port object when Changes_Pending is TRUE.

Background: Clause 12.56.16 places limits on the allowable values for the Command property when Changes_Pending is TRUE to protect against actions related to port communication that might conflict with the pending changes.

12.56.16
This property, of type BACnetNetworkPortCommand, is used to request that the Network Port object perform various actions.
….
If the value of the Changes_Pending property is TRUE, writing a supported command other than DISCARD_CHANGES or VALIDATE_CHANGES to the Command property shall result in the return of a Result(-) with an 'Error Class' of PROPERTY and an 'Error Code' of INVALID_VALUE_IN_THIS_STATE.
….

Problem: Unlike other commands related to port communication, the GENERATE_CSR_FILE command is part of the network port configuration and will not invoke actions in conflict with pending changes. As such, it would follow that the GENERATE_CSR_FILE command could be executed at any time regardless of the value of Changes_Pending.

Interpretation: Since the GENERATE_CSR_FILE command is related to port configuration as opposed to a command related to communication, the GENERATE_CSR_FILE command is allowed when Changes_Pending is TRUE.

Question: Is this Interpretation correct?

Answer: No

Comment: The expectations of A side devices for the sequence of operations of the network port cannot be changed without breaking interoperability with existing products