

### Clarification Request

**References:** ANSI/ASHRAE Standard 135-2020, Checklist 23.3 Final

**Date of BTL-WG Response:** August 22, 2024

**Background:** Supports receiving a DeviceCommunicationControl service request with a finite duration

**Problem:**

The device in question lacks an internal clock, which means it cannot handle requests with a with a finite duration.

The standard "K.5.6 BIBB, DM-DCC-B" states:

" Support for requests of a limited duration is required, and support for requests of an indefinite duration is optional."

However, section "16.1.1.3.1 Error Type" specifies:

"The device does not have a clock and the 'Time Duration' parameter is not set to 'indefinite.'"

The screenshot shows a document viewer with a table of error codes and a table of service procedures. The error code table has three columns: Situation, Error Class, and Error Code. One row is highlighted with a red box: Situation: "The device does not have a clock and the 'Time Duration' parameter is not set to 'indefinite'"; Error Class: SERVICES; Error Code: OPTIONAL\_FUNCTIONALITY\_NOT\_SUPPORTED. The service procedure table has two columns: Situation and Error Code. One row is highlighted: Situation: "If the request is valid and the 'Enable/Disable' parameter is the deprecated value DISABLE"; Error Code: SERVICE\_REQUEST\_DENIED.

Situation	Error Class	Error Code
The password is invalid or absent when one is required.	SECURITY	PASSWORD_FAILURE
The device does not have a clock and the 'Time Duration' parameter is not set to "indefinite".	SERVICES	OPTIONAL_FUNCTIONALITY_NOT_SUPPORTED
If the request is valid and the 'Enable/Disable' parameter is the deprecated value DISABLE	SERVICES	SERVICE_REQUEST_DENIED

Additionally, checklist 23.3 Final states:

"Support for finite duration is required if the device has an internal clock."

<b>vice Management - Device Communication Control - B</b>	
R	Base Requirements
C <sup>1</sup>	Supports receiving a DeviceCommunicationControl service request with a password
C <sup>1</sup>	Supports receiving a DeviceCommunicationControl service request with no password
C <sup>2,3</sup>	Supports receiving a DeviceCommunicationControl service request with a finite duration
C <sup>3</sup>	Supports receiving a DeviceCommunicationControl service request with an indefinite duration
O	Supports DM-RD-B
C <sup>4</sup>	Supports receiving a DeviceCommunicationControl service request specifying DISABLE INITIATION.
<sup>1</sup> At least one of these options is required in order to claim conformance to this BIBB. <sup>2</sup> This option is required if the device supports an internal clock. <sup>3</sup> At least one of these options is required in order to claim conformance to this BIBB. <sup>4</sup> Required if device implements protocol revision 4 or higher.	
<b>vice Management - Reinitialize Device - A</b>	
R	Base Requirements
R	Supports sending a ReinitializeDevice service request with an arbitrary password
O	Supports sending a ReinitializeDevice service request with no password

There seems to be a contradiction between the BIBB section and the conditions mentioned in the other section and checklist. Which should we follow as the reference?

**Question:**

Does the device need to support finite duration and have an internal clock, or is it acceptable if it only supports indefinite duration because it doesn't have an internal clock?

**Response:**

**The device is required to follow the DM-DCC-B BIBB and support the DeviceCommunicationControl Service with finite time duration.**