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MP125 ‘Correcting Device Information for the ESME Variant’

Annex C

Legal text – version 0.1

About this document

This document contains the redlined changes to the SEC that would be required to deliver this Modification Proposal.

SEC Appendix AD DCC User Interface Specification v5.0

These changes have been redlined against DUIS v5.0.

Amend table 3.8.106.3 as follows:

3.8.106.3 *Specific Validation for this Request*

See clause 3.2.5 for general validation applied to all Requests and clause 3.10.2 for Device Existence validation.

Response Code	Response Code Description
E080405	The Device Status is not applicable to the Device Type
E080406	The Device Status transition is not valid
E080407	The Device ID does not exist in the Smart Metering Inventory or its status is not Pending valid for the requested update
E080408	The Request does not include any details to be updated
E080409	The Device Type / Manufacturer / Model / Firmware Version data resulting from the changes specified by the User does not match the DCC list of equipment that has been approved for use
E080410	The User is not authorised to execute the Service Request to update the detail specified
E080411	Request to update Device Status not applicable to the Device Type
E080412	The Device Status transition is not valid
E080413	The requested MPxN update isn't suitable for the specified Device.
E080414	The Device Status does not allow the MPxN to be updated. The Device Status must be one of "Whitelisted", "Installed Not Commissioned" or "Commissioned" if the MPxN update is to succeed.
E080415	The User is not the Registered Supplier Party for the new MPxN specified within the UpdateMPxN part of the Service Request.

Amend 3.8.106.4 as follows:

3.8.106.4 *Additional DCC System Processing*

When a User sends an Update Inventory Service Request to the DCC in respect of a Communications Hub, the DeviceId specified within the Service Request shall be that of the Communications Hub Function and not the Gas Proxy Function.

Note that where a Device has an SMI Status of 'Recovered' the Device's SMI Status immediately prior to it having the SMI Status of 'Recovery' shall be used in validation.

This Service Request can be used by Users to perform the following four functions;

1. Update Device details within the Smart Metering Inventory provided via Pre-Notification
 - a. This functionality of the Service Request is available to all the Eligible User Roles associated with this Service Request.
 - b. Only the User who originally added the Device to the Smart Metering Inventory may update these device details whilst the Device has a status of 'Pending'.
 - c. For Devices with Device Type ESME, the ESME Variant can be updated by the Registered Supplier Party for the MPAN associated with the Device if the Device has a status of 'Whitelisted', 'Installed Not Commissioned' or 'Commissioned'. The ESME Variant and other Device details can be updated by the User who originally added the Device to the Smart Metering Inventory whilst the Device has a status of 'Pending'.
 - de. For all other Devices that have SMI Status values, only Devices in a status of 'Pending' can be updated.
 - ed. Type 2 (IHD and CAD) Devices can be updated at any time.
 - fe. Update most of the Device details that were initially provided to the DCC via Service Request 12.2 – Device Pre-notification (see clause 3.8.122)
 - gf. It isn't possible to update a Device ID (including the GPF Device ID associated to a CHF). If it has been entered in error it has to be deleted via this Service Request and re-added via Service Request 12.2 – Device Pre-notification (see clause 3.8.122).
 - hg. It isn't possible to update a Device Type. If it has been entered in error it has to be deleted via this Service Request and re-added via Service Request 12.2 – Device Pre-notification (see clause 3.8.122).
 - ih. Any updates to the details shared between a CHF and a GPF will be applied to both. The Device ID in the Service Request has to be that of the CHF.
2. Delete Device details from the Smart Metering Inventory provided via Pre-Notification which have not been installed.
 - a. This functionality of the Service Request is available to all the Eligible User Roles associated with this Service Request.
 - b. Only the User who originally added the Device to the Smart Metering Inventory may delete these device details.
 - c. For Devices that have SMI Status values, only Devices in a status of 'Pending' can be deleted.
 - d. Type 2 (IHD and CAD) Devices can be deleted at any time.

- e. Deleting a CHF will also delete its associated GPF.
- 3. Update SMI Status within the Smart Metering Inventory
 - a. This functionality of the Service Request is ONLY available to the Eligible User Roles of Import Supplier and Gas Supplier who are the Responsible Supplier to the Device being updated.
 - b. Different options exist for which device SMI Status values can be updated by Users depending on Device type. Functionality allows,
 - i. Update the Device status for all Device Types, other than the CHF and the GPF and where the old and new status apply to the Device Type
 - 1. From 'Pending' to 'InstalledNotCommissioned'
 - 2. From 'Whitelisted' to 'Pending'
 - c. Update the Device SMI Status for a CHF (and its associated GPF)
 - i. To support the Install & Leave process and / or Install & Commission after Decommissioning or Withdrawal:
 - 1. From 'Pending' to 'InstalledNotCommissioned' (GPF from 'Pending' to 'InstalledNotCommissioned')
 - 2. From 'InstalledNotCommissioned' to 'Commissioned' (GPF no status transition)
 - 3. From 'Pending' to 'Commissioned' (GPF from 'Pending' to 'InstalledNotCommissioned')
 - ii. From 'Commissioned' to 'Withdrawn' (GPF from 'Commissioned' to 'Withdrawn' or from 'Installed Not Commissioned' to 'Withdrawn'). This is the equivalent of Service Request 8.5 – Service Opt Out (see clause 3.8.102) for other Device Types. On successful completion of the Service Request, the DCC Systems will:
 - 1. automatically delete all active DSP Schedules on all Devices in the CHF Whitelist. For each deleted DSP Schedule a DCC Alert N37 will be sent to the User that owned it.
 - 2. automatically cancel all Future Dated (DSP) requests not yet sent to the Device for that CHF and all the Devices in its Whitelist. For each cancelled request a DCC Alert N36 will be sent to the sender of the Future Dated request.

- 4) Update MPxN associated with the Device (or add a new association) within the Smart Metering Inventory
- a. This functionality of the Service Request shall ONLY be available to either:
 - a. the Registered Supplier Party for the MPxN of the type specified in UpdateMPxN, as recorded in the Smart Metering Inventory against the DeviceID; or
 - b. where no such MPxN is recorded in the Smart Metering Inventory against the DeviceID, any Supplier Party
 - b. The new MPxN must be consistent with the type of Device, for example if the Secondary MPAN is updated then the device must be a twin element ESME.
 - c. ONLY a single MPxN association change be changed per Service Request call
 - d. If the MPxN is successfully updated in the Smart Metering Inventory, then a DCC Alert N16 is sent to the Meter's Network Operator.