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DP081 'Alignment of DUIS and CHISM to reflect current DCC Processing' Problem statement – version 0.1

About this document

This document provides a summary of this Draft Proposal, including the issue or problem identified, the impacts this is having, and the context of this issue within the Smart Energy Code (SEC).

Proposer

This Draft Proposal has been raised by Helen Metcalfe from the Data Communication Company (DCC).

What is the issue or problem identified?

Current DCC processing

Following assurance at the DCC Design Release Forum with Customers, and internal DCC review regarding incident resolution activity, a need to include clarification in the SEC around DCC processing was identified. This clarification should provide a detailed explanation of current DCC processing and align the SEC to reflect this. The DCC are concerned that points of detail that are not currently described could adversely affect User understanding of DCC Systems. If not amended, this is likely to lead to DCC Incidents which could otherwise be avoided.

How does this issue relate to the SEC?

The need for clarification of DCC processing description has been identified in two SEC Appendices: Appendix I 'CH Installation and Maintenance Support Materials' (CHISM) and Appendix AD 'DCC User Interface Specification' (DUIS).

CHISM

When a User sends Service Request 12.1 'Request WAN Matrix' to receive Smart Metering Wide Area Network (SM WAN) Coverage, in most cases they will receive an Availability Date and WAN Variant. However, in an exception case, the Communications Service Provider (CSP) for the South and Central regions may respond to a SM WAN Coverage request (CSPM-S1 or CSPM-S2) with an Availability Date for coverage but without being able to confirm the WAN Variant that will need to be used. The Data Service Provider (DSP) will take this data and returns the Availability Date and the value of the unconfirmed WAN Variant in the response to Service Request 12.1 'Request WAN Matrix'. Ensuring that SEC Subsidiary documentation defines the unconfirmed WAN Variant will require an amendment to table 3 in CHISM Annex E.

DUIS

Changes to Service Request 8.14.2

Under the description of Service Request 8.14.2 'Communications Hub Status Update – Install No SM WAN' it has been identified that text should be added to better define current DCC System Processing. This would correct the Smart Metering Inventory so that a Communications Hub fitted in a 'no WAN Install' scenario can be correctly identified.

Additional Service Requests for Organisation Certificate tracking

In the event of a Local Command delivery, the DCC require the delivery of a number of responses to those locally delivered commands via Service Request 8.13 'Return Local Command Response'. For the DCC to track Organisation Certificates held on Devices in the case of local delivery of Service Request 6.15.1 and Service Request 6.21, these two Service Requests will need to be added to the list of Service Request Responses in DUIS Section 3.8.112.2 (Service Request 8.13).

What is the impact this is having?

What are the impacts of doing nothing?

Without this clarification of the current DCC Systems, Customers would observe unexpected behaviour and unsuccessful System responses. In some instances, incidents may occur due to lack of User understanding. The DCC could mitigate this by publishing Guidance Notes; however, it is preferable to take the opportunity to clarify the DCC Systems within these SEC Subsidiary Documents to support efficient and successful DCC and Customer processing.

Already there have been recorded issues due to lack of a defined unconfirmed WAN Variant in table 3 in CHISM Annex E. The lack of information about the DCC Systems in DUIS have yet to create issue. However, it has been identified that if Service Request 8.14.2 does not accurately reflect the DCC Systems, then there is potential for Customer confusion. And Local Delivery will not work without Service Request 6.15.1 and Service Request 6.21 on the Service Request Response List for Service Request Responses.

What are the views of the industry?

Views of the DCC

The DCC are supportive of these additions to the appropriate SEC Subsidiary Documents to support the use and understanding of DCC Systems.

Views of SEC Parties

The views of Parties will be gathered during the Development Stage.

DCC Design Release Forum attendees (technical representatives from Suppliers, Network Operators and Adaptor Providers) are generally supportive of making these changes.

Views of Panel Sub-Committees

The views of Panel Sub-Committees will be gathered during the Development Stage.

Views of the Change Sub-Committee

The views of the Change Sub-Committee will be gathered during the Development Stage.