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<b>Paper Reference:</b>	<b>CSC_10_0201_06</b>
<b>Action:</b>	<b>For Decision</b>

## DP105 Draft Proposal decision

### 1. Purpose

This paper provides a summary of our assessment of [DP105 'Sending SR11.2 to Devices in Suspended State'](#). We are asking the Change Sub-Committee (CSC) to agree that the problem identified under this Draft Proposal is clearly understood and that it is ready to progress to a Modification Proposal.

### 2. What is the issue?

DP105 has been raised by Chun Chen from the Data Communications Company (DCC).

Once a firmware entry is removed from the Central Products List (CPL), the Smart Metering Inventory (SMI) status for the impacted Devices will be set to be in a 'Suspended' state. While the Device is in a 'Suspended' state, only a Critical Service Request (SR) can be sent to those Devices, and any Non-Critical SRs will be rejected by Data Services Provider (DSP) with an E5<sup>1</sup> error.

As an exception, the following Non-Critical SRs will be allowed if the Device is 'Suspended':

- SR11.1 'Update Firmware'
- SR6.23 'Update Security Credentials (CoS)'; and
- SR2.2 'Top Up Device' with a Command Variant value of 2 (only for Smart Metering Equipment Technical Specifications (SMETS) 1 Devices).

This means SR11.2 'Read Firmware Version' will be rejected by the DSP E5 validation, when the Device is in a 'Suspended' state.

If the SR11.3 'Activate Firmware' response for successful firmware activation is not received by the DSP, the Device will remain in the 'Suspended' state even though the new firmware is now activated on the meter. There is no other recoverable method unless another new firmware update takes place.

The problem statement containing the information provided by the Proposer and updated by SECAS during our investigations can be found in Appendix A.

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<sup>1</sup> Failed Authorisation – Invalid Device Status

### 3. Next steps

We believe that the issue is clear and fully defined and recommend that this Draft Proposal should proceed to the Refinement Process.

The first programme of work will consist of agreeing the business requirements for the DCC's proposed solution by the end of January 2020. We will seek input and agreement from the Technical Architecture and Business Architecture Sub-Committee (TABASC) as part of this work. Once these are agreed, we will request that the DCC carry out a Preliminary Assessment for the proposed solution.

### 4. Recommendations

The CSC is requested to:

- **AGREE** that the issue identified under DP105 is clearly defined and understood;
- **RECOMMEND** to the Panel that this Draft Proposal is ready to be converted to a Modification Proposal; and
- **RECOMMEND** to the Panel that the Modification Proposal should proceed to the Refinement Process.

Joe Hehir

SECAS Team

19 December 2019

#### Attachments

- **Appendix A:** DP105 problem statement