



# SMETS1 Conclusions on changes to the SMETS1 Supporting Requirements

DCC Conclusions on changes to Clause 17 and Clause 18 of  
the S1SR that records certain Device Specific Behaviours

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Author: [consultations@smartdcc.co.uk](mailto:consultations@smartdcc.co.uk)

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# 1. Introduction and Context

In the initial stages of the smart meter roll-out across Great Britain, a number of energy suppliers installed first generation smart metering devices (known as SMETS1 devices), in households and small/medium non-domestic premises. SMETS1 devices installed by one energy supplier, however, are not always interoperable with and supported by the systems used by another supplier. The Data Communications Company (DCC) has developed a plan and designed a solution for the incorporation of such devices into its national network. It provides important shared benefits for industry and consumers and intends to offer the ability for SMETS1 consumers to maintain their smart services following a decision to switch suppliers.

The DCC solution relies on a common DCC User interface, defined in the DCC User Interface Specification (DUIS) for users of both SMETS1 and SMETS2 devices. The SMETS1 Supporting Requirements (S1SR) – Appendix AM of the SEC, describes supplementary rules for how the DCC will process SMETS1 Service Requests / Service Reference Variants (SRs/SRVs) and includes the accommodation of behaviours that are specific to particular SMETS1 Device Models. The latest version of the SMETS1 Supporting Requirements came into effect on 4 November 2021.

Starting on 5 November 2021, DCC consulted<sup>1</sup> on changes to the S1SR to make provision for device specific behaviours in relation to the IOC, MOC and FOC cohorts that have arisen out of testing. The consultation closed on 3 December 2021. This document considers the responses that were received to this consultation consistent with regulatory requirements.

## 2. Consultation Questions & Responses

### 2.1. Questions

The consultation presented the consultation questions as set out in Table 1, relating to proposed changes to the S1SR and the Device Model Variations to Equivalent Steps Matrix (DMVES).

<b>S1SR Q1</b>	Do you agree with the proposed amendments to the SMETS1 Supporting Requirements Document (S1SR) in Section 18 of that document, that have been added to describe the device behaviour specific relevant to the FOC devices?
<b>S1SR Q2</b>	Do you agree with mappings of clauses in Section 18 of S1SR to the relevant Device Models in DMVES?
<b>S1SR Q3</b>	Do you agree with the proposed re-designation date of 17 December 2021 (or, if necessary, as soon as reasonably practicable within one month thereafter) for the updates to the S1SR using draft notification at Attachment 1?

Table 1

### 2.2. Responses

DCC received written responses from six respondents to the consultation on the S1SR.

DCC provided all written responses to the Secretary of State.

## 3. Analysis of Responses

DCC has analysed the feedback provided and views of stakeholders. Subject matter experts within DCC have reviewed every response.

<sup>1</sup> <https://www.smartdcc.co.uk/consultations/smets1-consultation-on-changes-to-the-smets1-supporting-requirements/>

DCC has structured the analysis of responses by question. Thus, this section presents DCC's analysis by question in several separate subsections; with each structured as:

- an overview of the responses on the topic;
- where appropriate a DCC response; and
- areas where DCC disagrees with the view presented by respondents, as the regulation requirements require DCC to report on this.

### 3.1. General

One respondent provided a general response in which it noted that it did not have any specific comments or objections to the content of the consultation.

### 3.2. S1SR Question 1 – S1SR Changes

DCC was seeking views on changes relating to a number of changes to Clause 17 and Clause 18 that were proposed as a result of device specific behaviours that have been identified.

DCC sought views on proposals to amend the S1SR asking “*Do you agree with the proposed amendments to Clause 17 and 18 of the SMETS1 Supporting Requirements Document (S1SR), that have been added to describe the device behaviour specific relevant to the FOC devices?*”.

#### • Respondent View

DCC received six responses to this question.

Three respondents agreed with the proposed changes. Three respondents did not offer support nor object to the changes.

Two of the Respondents noted that the question specifically related to FOC, but that the behaviours that were identified related to the IOC, MOC and FOC cohorts. One of these respondents expressed support and the other did not provide an opinion.

One Respondent (who did not offer support nor object to the changes) noted that 18.5(g) was not accurate in that it referred to the GSME. This respondent also noted that Clause 18.17 referred to '4' and '8' which should be 'four' and 'eight'.

A respondent (who did not offer support nor object to the changes) suggested that there was a discrepancy between the description of the device specific behaviour in the consultation and the text in Clause 18.27(t) and sought clarification as to which is correct.

#### • DCC Response

DCC can confirm that the device specific behaviours relate to the IOC, MOC and FOC cohorts and not only FOC.

DCC agrees with the Respondent that Clause 18.5(g) and Clause 18.17 should be amended and has made these necessary amendments.

DCC can confirm that the formulation of Clause 18.27(t) in the S1SR is correct and that that the behaviour of SRV 4.13 is specifically limited to the SuspendDebtEmergency attribute. However, DCC is aware that the Secure devices have multiple settings which are used individually in the SMSO environment. Once migrated, these individual settings are normally aligned by using a Service Request to set them. DCC is aware that this applies to SuspendDebtEmergency but also to the SupplyTamperState attribute.

### 3.3. S1SR Question 2 – DMVES Changes

DCC sought views on proposals to amend the DMVES asking: “Do you agree with the mapping of clauses in Section 18 of S1SR to the relevant Device Models in DMVES?”.

- **Respondent View**

DCC received five responses to this question.

Three respondents agreed with the mapping. Two respondents did not offer support nor object to the changes.

Two respondents (who did not offer support nor object to the changes) noted that the Elster ESME had not been added to the DMVES for Clause 18.4(m) but that the Itron had been added.

One respondent (who did not offer support nor object to the changes) noted that for Clause 18.39(g), the corresponding reference in DMVES was missing.

- **DCC Response**

DCC agrees with the comments by the respondents relating to both Clause 18.4(m) and 18.39(g) and has amended DMVES accordingly.

### 3.4. S1SR Question 3

DCC sought views on proposals to re-designate the S1SR asking: “Do you agree with the proposed re-designation date of 17 December 2021 (or, if necessary, as soon as reasonably practicable within one month thereafter) for the updates to the S1SR using draft notification at Attachment 1”.

- **Respondent View**

DCC received six responses to this question.

All six respondents agreed with one noting that they agreed providing DCC had sufficient time to review and consider all relevant feedback from the consultation.

- **DCC Response**

DCC can confirm that it has had sufficient time to consider the responses.

## 4. Conclusions

DCC is of the opinion that it has had appropriate consultation with industry regarding these changes to the S1SR.

DCC has, where necessary, addressed the comments that have been received from industry. DCC does not believe that the views expressed result in fundamental amendments to the S1SR and as such further consultation is neither necessary nor appropriate.

It is DCC’s view that it has met its SEC obligations.

The S1SR revisions are in line with the overall solution design for the SMETS1 Service and other relevant documents.

DCC considers that:

- the revised S1SR is defined to a sufficient level of detail for re-designation into the SEC;

- the revised S1SR provides an overarching framework which sets out clearly and unambiguously parties' rights and obligations which are consistent / and aligned with the rest of the SEC requirements in relation to SMETS1 Services; and
- the revised S1SR is materially complete, and the content is technically accurate.

In summary, DCC considers that the revised S1SR is fit for purpose.

## **5. Next Steps**

DCC will submit its conclusions to the consultation on changes to the S1SR and the updated version of S1SR (which includes the updated DMVES as Annex A of the S1SR) to the Secretary of State on 10 December 2021 and anticipates that the Secretary of State will re-designate the S1SR into the SEC as Version AM 12.0 on, or after, 17 December 2021.

## **6. Attachments**

- Attachment 1: SEC Appendix AM SMETS1 Supporting Requirement – clean
- Attachment 2: SEC Appendix AM SMETS1 Supporting Requirement – redlined
- Attachment 3: SEC Appendix AM Annex A – Device Model Variations to Equivalent Steps