SMETS1 Request for Information V2 – Unaccounted SMETS1 Devices

A SMETS1 Request for information for data that the DCC is unable to identify through reporting from an SMSO.

Filename: SMETS1_RFI2_Unaccounted_Devices
Date: 3 November 2022
Respond by: 1700 on 24 November 2022
Author: migration@smartdcc.co.uk
Classification: DCC Public

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1. Introduction and Context

A number of energy suppliers have installed first generation smart devices (known as SMETS1 devices) in consumers' premises across Great Britain. The Data Communications Company (DCC) has designed a solution for the enrolment of SMETS1 devices into its network. Part of DCC's plan to deliver SMETS1 services involves a detailed approach for migrating SMETS1 Installations into DCC's systems.

The detailed technical and procedural requirements of the migration approach are set out in the SMETS1 Transition and Migration Approach Document (TMAD). The TMAD is Appendix AL of the Smart Energy Code[1] (SEC). The latest version of the SEC was published on 12 October 2022 as v64.0

This second request for information has been published by DCC in order to gather data regarding SMETS1 dormant devices that are present in a Responsible Supplier's portfolio but are not included in the data provided by DCC to the Responsible Supplier on a monthly basis. This is a follow-up exercise following a prior request at the end of 2021.

2. Background

In November 2021, following an initial assessment, DCC issued a Request for Information[2] related to unaccounted SMETS1 Devices. Responsible Suppliers were requested to provide details to identify devices that were never on the SMETS1 SMSO or no longer on the SMETS1 SMSO. The purpose of this exercise was to assess the potential scale and breadth of the dormant devices that do not appear on the data provided by the SMETS1 SMSOs across all cohorts. DCC received 10 responses from industry on such unaccounted devices in response to the prior RFI.

In order to analyse the data provided, DCC compiled the data into a database and ran queries to account for installations. Of the circa 560,000 installations submitted, only 29 could not be accounted for. In April 2022, DCC presented summary analysis on this assessment of unaccounted devices to the Enrolment and Adoption Sub-Group of the Technical and Business Design Group (E&A SG).

Following April's E&A SG, DCC provided an analysis to each Responsible Supplier covering their data and there was a period to allow for any follow up with slides / further analysis to be conducted during May and June 2022. DCC compared data from SMETS1 SMSOs with the data provided by Responsible Suppliers; thus it was noted that, at the time of analysis, the assessment was only as accurate as the data provided allowed it to be.

Recently, some organisations have been undertaking further assessment of their estate and have additional questions regarding their installations that they would like DCC to assist with. DCC is pleased to support industry in this further analysis given it may lead to further SMETS1 Installations becoming eligible for Migration. On this basis DCC will evaluate sites based on data provided by this second RFI. Stakeholders should note that this analysis is a complex and resource intensive activity for DCC to undertake. Thus, it is DCC's intention for this to be final RFI exercise on behalf of industry to account for any remaining devices. To ensure this additional activity does not impact other workstream initiatives, analysis will be undertaken before the end of 2022.

3. Request for Information V2

DCC is requesting that each Responsible Supplier reconciles the dormant data (file format *"Port_SECID_export_YYYYMMDD_HHMMSS"*) provided monthly by the DCC into the Responsible

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[1] The current version of the SEC is available from https://smartenergycodecompany.co.uk/the-smart-energy-code-2/
[2] https://www.smartdcc.co.uk/consultations/smets1-request-for-information-unaccounted-smets1-devices/

Suppliers SharePoint folder **SMETS1 Migration -> Notification -> Inbox**, against the Responsible Supplier's dormant portfolio. This will identify compliant SMETS1 dormant devices that the Responsible Supplier believes should be considered for a migration attempt but is not held within the data provided by the DCC.

Please complete the attached template and place in the **SMETS1 Migration -> Miscellaneous -> Outbox** SharePoint folder. Once received, DCC will review and then collate all responses. These responses will also be provided to BEIS for their consideration.

The list below represents the data items requested as part of the template. The data items must be complete and provided at an installation level rather than an individual device level i.e. one row per installation so that any dual fuel sites are reported together.

1. CHF ID (NB this is allocated by the SMETS1 SMSO at migration time and is an optional field);

2. CHF serial number;

3. ESME ID (NB this is the MAC address of the network interface);

4. ESME serial number;

5. MPAN;

6. GSME ID (NB this is the MAC address of the network interface);

7. GSME serial number;

8. MPRN; and

9. SMETS1 SMSO.

It is important that information is only provided for sites where the Responsible Supplier can confirm the devices are SMETS1 compliant.

If you have any queries regarding the template, please contact **migration@smartdcc.co.uk**.

4. Next Steps

DCC will collate and analyse the scope and status of the devices provided with the relevant SMSO in order to report this to BEIS alongside advice on whether DCC consider there are technically viable and economically efficient means of migrating identified sites, taking action to do so where that falls within DCC existing remit. DCC will report back to each Responsible Supplier on analysis relevant to their submission. This analysis will confirm to each Responsible Supplier where DCC has determined that an installation or device is not feasible for migration DCC. DCC will also provide a summary analysis to the E&A SG.

5. How to Respond

Please provide responses in the attached template by **1600 on 24 November 2022** via SharePoint within the folder **SMETS1 Migration -> Miscellaneous -> Outbox** within your SMETS1 SharePoint area. This template should be submitted in Excel (XLSX) format and should have the file header

"RFI2_SECPARTYID_YYYYMMDD.xlsx" renamed to have the Respondent's SEC Party ID and submission date.

Given the nature of the RFI, all data provided will be treated as confidential by DCC.

Please note that responses in their entirety (including any text marked confidential) may be made available to the Department for Business, Energy and Industrial Strategy (BEIS) and the Gas and Electricity Markets Authority (the Authority). Information provided to BEIS or the Authority, including personal information, may be subject to publication or disclosure in accordance with the access to information legislation (primarily the Freedom of Information Act 2000, the Data Protection Act 2018 and the Environmental Information Regulations 2004). If BEIS or the Authority receive a request for disclosure of the information, we/they will take full account of your explanation (to the extent provided to them), but we/they cannot give an assurance that confidentiality can be maintained in all circumstances.

If you have any questions about the request for information, please contact DCC via migration@smartdcc.co.uk.

6. Attachments

Attachment / Title
1. Microsoft Excel Workbook Template RFI2_SECPARTYID_YYYYMMDD.xlsx