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MP181 ‘Meter Asset Provider access to asset related data held by the DCC’

Business requirements – version 1.0

Annex A

About this document

This document contains the business requirements that support the solution(s) for this Modification Proposal. It sets out the requirements along with any assumptions and considerations. The DCC will use this information to provide an assessment of the requirements that help shape the complete solution.

1. Business requirements

This section contains the functional business requirements. Based on these requirements a full solution will be developed.

Business Requirements	
Ref.	Requirement
1	The Data Communications Company (DCC) are to provide a service to Meter Asset Providers (MAPs) and Manufacturers allowing the disclosure of asset-related data
2	MAPs will be requested to provide proof that they are the owner of the asset(s) via SharePoint
3	DCC are to retrieve the dataset requested by the relevant MAP or Manufacturer
4	DCC are to provide the dataset to the relevant MAP or Manufacturer

2. Considerations and assumptions

This section contains the considerations and assumptions for each business requirement.

2.1 General

This solution will be applied to Enrolled SMETS1 and SMETS2 Devices.

Please note that MP181's Proposed Solution does not impact DCC Systems. The purpose of this document is to set out the requirements that the service DCC are to provide will meet. The DCC shall then carry out a DCC Preliminary Assessment which will detail how the paid for service will function and how the costing mechanism will be calculated and charged through Explicit Charges.

2.2 Requirement 1: The Data Communications Company (DCC) are to provide a service to Meter Asset Providers (MAPs) and Manufacturers allowing the disclosure of asset-related data

During the MP181 Refinement Process, Smart Energy Code (SEC) Lawyers and the DCC agreed that the service to be provided to MAPs and Manufacturers will be categorised as an Other Enabling Service. The Proposer, after discussions with meter Manufacturers, has requested that the below datasets are made available to the relevant MAP or Manufacturer:

- Global Unique Identifier (GUID)
- Device type, manufacturer and model
- Device firmware version
- Device status
- Communications Service Provider (CSP) region
- Supplier ID and Supplier effective from date
- Communications Hub make, model and firmware version

The data may be provided via an ad-hoc request, or on a regular monthly or quarterly basis as agreed between the MAP or Manufacturer and the DCC (but no more frequently than monthly).

2.3 Requirement 2: MAPs will be requested to provide proof that they are the owner of the asset(s) via SharePoint

For the DCC to ensure that it discloses the requested datasets to the asset owner, the MAP will have to provide proof that they are the owner of the asset(s). The Proposer has advised that the most efficient way to provide the DCC with the required proof will be to upload a list of the GUIDs of the assets they are responsible for to the DCC SharePoint. The DCC shall then validate the GUIDs provided before disclosing the data.

Please note that this requirement is not necessary for meter Manufacturers as their Manufacturer ID will be contained within the Central Products List (CPL) entry for the relevant Device Model.

During the refinement of this document, the DCC has advised that it may hold MAP IDs within DCC Systems. This is to be investigated during the Preliminary Assessment.

2.4 Requirement 3: DCC are to retrieve the dataset requested by the relevant MAP or Manufacturer

Upon receiving a request from a MAP or Manufacturer to use the service (or monthly / quarterly at the discretion of the MAP or Manufacturer but no more frequently than monthly), the DCC shall carry out the necessary reporting in order to disclose the information to the MAP (provided they have proven to be the owner of the asset) or Manufacturer.

Smart Energy Code Administrator and Secretariat (SECAS) has been advised that the datasets requested by MAPs and Manufacturers can be obtained via the DCC Technical Operations Centre (TOC).

2.5 Requirement 4: DCC are to provide the dataset to the relevant MAP or Manufacturer

Once the DCC has obtained the requested data, the report shall be made available to the relevant MAP or Manufacturer. This may be through the use of DCC SharePoint as a preferred option or potentially through Secure File Transfer Protocol (SFTP). DCC shall also notify the relevant MAP that the data is available.

3. Glossary

This table lists all the acronyms used in this document and the full term they are an abbreviation for.

Glossary	
Acronym	Full term
CPL	Central Products List
CSP	Communications Service Provider
DCC	Data Communications Company
GUID	Global Unique Identifier
MAP	Meter Asset Provider
SEC	Smart Energy Code
SECAS	Smart Energy Code Administrator and Secretariat
SFTP	Secure File Transfer Protocol
TOC	Technical Operations Centre