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MP141 ‘SRV Visibility for Devices on SSI’

Business requirements – version 0.5

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 Data Communications Company (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	Allow Responsible Supplier to see all metadata of SRVs and Service Responses sent by all Users to a Device they are responsible for via the SSI.
2	Allow Network Operator to see all metadata of SRVs and Service Responses sent by all Users to a Device they are responsible for via the SSI.

This document contains requirements for multiple solution options, and an assessment for each option is to be provided. The table below summarises the requirements that make up each solution option:

Solution Options		
Option	Req. 1	Req. 2
Option 1	✓	
Option 2	✓	✓

2. Considerations and assumptions

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

2.1 General

The solution will use Service Audit Trail (SAT) data available via the Self Service Interface (SSI) to view additional Service Request Variants (SRVs) and Service Responses. This is so that a Current Supplier or Current Network Operator won't be able to access anything considered as confidential by a competitor within the SRV or Service Response payload.

Where a Device is mentioned in the following requirements, this specifically applies to all Devices that are connected to the Home Area Network (HAN). This means that a solution will allow a User to access all SRVs and Service Responses sent to a Device they own connected to the HAN.

This solution will be applied to Smart Metering Equipment Technical Specifications (SMETS)1 and SMETS2 Devices.

2.2 Requirement 1: Allow Responsible Supplier to see all metadata of SRVs and Service Responses sent by all Users to a Device they own via the SSI.

This requirement will require the DCC to create a solution which will allow the Responsible Supplier of a Device they are responsible for to be able to view all SRVs and Service Responses sent to said Device by all Users. This will allow the Responsible Supplier to view all metadata of SRVs and Service Responses on any Device they are responsible for via the SSI, so that they can make an informed decision on whether to action them. Any data being used by the Responsible Supplier will consist only of the SAT metadata to provide the needed information.

Where 'all Users' is mentioned above, this applies to the following User roles:

- Other User
- Another Supplier Party
- Registered Supplier Agent (RSA)
- Network Operator; and
- Any future User role added after approval of the Modification Proposal.

2.3 Requirement 2: Allow Network Operator to see all metadata of SRVs and Service Responses sent by all Users to a Device they own via the SSI.

This requirement will require the DCC to create a solution which will allow the Network Operator of a Device they hold a certificate on to be able to view all SRVs and Service Responses sent to said Device by all Users. This will allow the Network Operator to view all the metadata of SRVs and Service Responses on any Device they hold a certificate on via the SSI, so that they can make an informed decision on whether to action them.

Where 'all Users' is mentioned above, this applies to the following User roles:

- Other User

- Import Supplier
- Export Supplier
- RSA
- Another Network Operator; and
- Any future User role added after approval of the Modification Proposal.

3. Solution options

This section outlines the solution options for this Modification Proposal. It provides detailed information on the two variants of the proposed solution for the business requirements contained in Section 1 of this document.

3.1 Option 1

Solution Option 1 will consist of Business Requirement 1.

The Solution has been designed to meet the original scope of the Modification Proposal where only Responsible Supplier Parties will be affected by the proposed changes. This will result in the Responsible Supplier Parties being able to view SRVs and Service Responses sent from a variety of other sources to Devices they are responsible for. Due to only the SAT information being used to provide this information, this should prevent confidential information being accessed by the Responsible Supplier Parties.

3.2 Option 2

Solution Option 2 will consist of Business Requirements 1 and 2.

The Solution has been designed to accommodate the request of Network Operators during the Modification Proposal's Development stage, where the scope has been extended so that both Responsible Supplier Parties and Network Operators will be affected by the proposed changes. This will result in the Responsible Supplier Parties and Network Operators being able to view SRVs and Service Responses sent from a variety of other sources to Devices they are responsible for. Due to only the SAT information being used to provide this information, this should prevent confidential information being accessed by the Responsible Supplier Parties and Network Operators.

4. Glossary

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

Glossary	
Acronym	Full term
DCC	Data Communications Company
HAN	Home Area Network
RSA	Registered Supplier Agent
SAT	Service Audit Trail
SMETS	Smart Metering Equipment Technical Specifications
SRV	Service Request Variant
SSI	Self Service Interface