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MP117 ‘Bulk CH returns’

Annex A

Business requirements – version 0.2

About this document

This document contains the business requirements that support the solution 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	The DCC will provide DCC Users the means to provide multiple Device IDs in SR8.14.3 so that multiple Communications Hubs (CH) can be returned to DCC with one SRV rather than the current process of sending one SRV for one CHs fault return.
2	The DCC will provide DCC Users the means to provide multiple Device IDs in SR8.14.4 so that multiple CHs can be returned to DCC with one SRV rather than the current process of sending one SRV for one CHs no fault return.

2. Considerations and assumptions

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

2.1 General

This solution will be applied to Smart Metering Equipment Technical Specifications 2 (SMETS2) Devices. The DCC will be expected to provide the most cost-effective means of delivering a solution that adheres to the below requirements.

2.2 Requirement 1: The DCC will provide DCC Users the means to provide multiple Device IDs in SR8.14.3 so that multiple Communications Hubs (CH) can be returned to DCC with one SRV rather than the current process of sending one SRV for one CHs fault return.

This requirement obligates the DCC to provide a solution which can increase the number of GUIDs for individual sets of the following Service Request:

- SR 8.14.3 'Communications Hub Status Update – Fault Return'

Currently this Service Requests only allow DCC Users to input one GUID per request. This requirement will increase the number of GUIDs per request so that multiple Communications Hubs can be notified to the DCC for a return. These groups of GUIDs per Service Request should then be fit for purpose to deal with the bulk return of Communications Hubs. Any process that allows for the User to submit these multiple GUIDs must require less time and effort than the existing process of issuing individual GUIDs per Service Request.

2.3 Requirement 2: The DCC will provide DCC Users the means to provide multiple Device IDs in SR8.14.4 so that multiple CHs can be returned to DCC with one SRV rather than the current process of sending one SRV for one CHs no fault return.

This requirement obligates the DCC to provide a solution which can increase the number of GUIDs for individual sets of the following Service Request:

- SR 8.14.4 'Communications Hub Status Update – No Fault Return'

Currently this Service Request only allow DCC Users to input one GUID per request. This requirement will increase the number of GUIDs per request so that multiple Communications Hubs can be notified to the DCC for a return. These groups of GUIDs per Service Request should then be fit for purpose to deal with the bulk return of Communications Hubs. Any process that allows for the User to submit these multiple GUIDs must require less time and effort than the existing process of issuing individual GUIDs per Service Request.

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
CH	Communications Hub
DCC	Data Communications Company
GUID	Global Unique Identifier
SMETS	Smart Metering Equipment Technical Specifications