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MP248 ‘Requirements for DCC Gateway Connection’

Annex A

Business requirements – version 1.0

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. This section contains a must-have (M), should-have (S), could-have (C), won't-have (W) (MoSCoW) analysis for the different requirement components to be considered as part of the solution.

Business Requirements			
Ref.	Requirement	Responsible for delivery	MoSCoW
1	Registered Data Providers (RDPs) to be able to receive data from the DCC without the need for a physical premises	DCC	M
2	Virtual connection must be as secure as the current physical connection	DCC	M
3	To introduce a transition process for existing RDPs to migrate from physical to virtual connections	DCC	S

2. Considerations and assumptions

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

2.1 General

The Smart Energy Code (SEC) requires a physical DCC Gateway Connection at the SEC Parties' premises to allow secure data transfer with the DCC. This is the case for all RDPs as well as all DCC Users. This may not be possible for some emerging market participants who operate on virtual cloud-based infrastructure. This is also preventing established market participants from transitioning to operate on a cloud-based infrastructure, that would not require physical premises.

2.2 Requirement 1: Registered Data Providers (RDPs) to be able to receive data from the DCC without the need for a physical premises

The objective of this requirement is to modernise and streamline the connection process for RDPs. By removing the necessity for a physical premises, it allows RDPs to operate in a more flexible and potentially cost-effective manner. This requirement modernises the connection process for RDPs by eliminating the need for physical premises thereby increasing accessibility.

2.3 Requirement 2: Virtual connection must be as secure as the current physical connection

To ensure that the proposed virtual cloud-based infrastructure can meet the security standards set by physical connections this modification should undergo a comprehensive assessment.

2.4 Requirement 3: Transition plan for existing RDPs to migrate from physical to virtual connections

Develop a process that enables existing RDPs to migrate from physical to virtual connections if they choose to. The goal is to provide users with the option to choose the virtual cloud-based solution while minimizing disruption. Additionally, consider offering adequate support and resources for the migration process.

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
DCC	Data Communications Company
RDP	Registered Data Provider
SEC	Smart Energy Code