MP223 'WAN Coverage Reporting' Business requirements – version 0.5

About this document

This document contains the business requirements 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	Wide Area Network (WAN) coverage level for each Communication Services Provider (CSP) region (CSP North, CSP South, CSP Central), to be made available every three months.
2	Reporting to be produced every three months on addresses where there is no WAN or the WAN status has changed within the previous three months.
3	Monthly reporting on sites where Suppliers raise WAN-related incidents in each CSP region.
4	The WAN coverage checker to be updated monthly when Suppliers raise WAN-related incidents to the DCC Service Desk.
5	On an informal basis, request information from CSPs about planned work and work that is ongoing to improve WAN at sites which are currently declared to have no WAN.
6	On an informal basis, request information from CSP's about WAN outages which will then be provided to SEC Parties.

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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 (SMETS)1 and SMETS2 Devices enrolled in the DCC Service.

2.2 Requirement 1: Wide Area Network (WAN) coverage level for each Communication Services Provider (CSP) region (CSP North, CSP South, CSP Central), to be made available every three months.

The DCC to report quarterly on WAN coverage levels in each CSP region. This figure should be calculated by the number of 'covered' addresses which have some level of WAN coverage against the total addresses in that CSP region.

In CSP South this means covered addresses are those which have a status 'TRUE' with 'LOW', 'MEDIUM' or 'HIGH' on the WAN coverage checker. These addresses should be compared against the total number of addresses in this CSP region to calculate the WAN coverage percentage.

In CSP Central this means covered addresses are those which have a status 'TRUE' with 'LOW', 'MEDIUM' or 'HIGH' on the WAN coverage checker. These addresses should be compared against the total number of addresses in this CSP region to calculate the WAN coverage percentage.

In CSP North, this means addresses which are classified as TRUE/HIGH against the total number of addresses in this CSP region to calculate the WAN coverage percentage.

2.3 Requirement 2: Reporting to be produced every three months on addresses where there is no WAN or the WAN status has changed within the previous three months.

At sites where there is no WAN coverage, or the WAN coverage level has changed since the last quarterly report, this should be recorded and provided to SEC Parties.

In CSP South this means all addresses which do not have WAN or where the WAN status has changed are reported on at property level.

In CSP Central this means all addresses which do not have WAN or where the WAN status has changed are reported on at property level.

In CSP North, this means all postcodes which have one or more addresses with no WAN are reported on.

2.4 Requirement 3: Monthly reporting on sites where Suppliers raise WAN-related incidents in each CSP region.

The DCC to record when Suppliers raise WAN-related incidents to the DCC Service Desk and the address where this has been raised. This information should be made available to SEC Parties monthly.

2.5 Requirement 4: The WAN coverage checker to be updated monthly when Suppliers raise WAN-related incidents to the DCC Service Desk.

All WAN incidents raised to the DCC Service Desk to be recorded. This should be passed onto CSPs to ensure the WAN overage checker is accurate. If found to be inaccurate, the WAN coverage checker should be updated accordingly each month.

2.6 Requirement 5: On an informal basis, request information from CSPs about planned work and work that is ongoing to improve WAN at sites which are currently declared to have no WAN.

The DCC to report monthly on work which is ongoing to improve WAN coverage at sites which are currently declared to be no WAN.

This should include work which is ongoing in each CSP region to improve WAN where coverage is planned to be available.

In CSP North this reporting should exclude any properties which are classed in the WAN coverage checker as 'postcode valid but not planned to be covered'.

2.7 Requirement 6: On an informal basis, request information from CSP's about WAN outages which will then be provided to SEC Parties.

The DCC to ensure all information regarding planned WAN outages which are provided to the DCC Service Desk by CSPs are provided to SEC Parties prior to the outage taking place.

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**
CSP	Communication Service Provider
DCC	Data Communications Company
SEC	Smart Energy Code
SMETS	Smart Metering Equipment Technical Specifications
WAN	Wide Area Network

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This document has a Classification of Clear