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DP106 ‘CHISM update for Unknown WAN Variant’

Problem statement – version 0.1

About this document

This document provides a summary of this Draft Proposal, including the issue or problem identified, the impacts this is having, and the context of this issue within the Smart Energy Code (SEC).

Proposer

This Draft Proposal has been raised by Chun Chen from DCC.

What is the issue or problem identified?

When a User sends Service Request 12.1 'Request WAN Matrix' to receive Smart Metering Wide Area Network (SM WAN) Coverage, in most cases they will receive an Availability Date and WAN Variant. However, in an exception case, the Communications Service Provider (CSP) for the South and Central regions may respond to a SM WAN Coverage request (CSPM-S1 or CSPM-S2) with an Availability Date for coverage but without being able to confirm the WAN Variant that will need to be used. On receipt of this data, the Data Service Provider (DSP) returns the Availability Date and the value of the unconfirmed WAN Variant in the response to Service Request 12.1 'Request WAN Matrix'.

The WAN variant returned by the DSP is defined by table 3 in Communications Hub Installation and Maintenance Support Materials (CHISM) Annex E as below:

WAN Variant (DCC 1.3)	WAN Variant (DCC 2.0)	CSP Region
Standard 420	420	CSP North
Variant 450	450	CSP North
Cellular	Cellular	CSP South & Central
Cellular+Mesh	Cellular+Mesh	CSP South & Central
No Coverage Intended	No Coverage Intended	N/A
“(Space)	“(Space)	CSP South & Central

The ““(Space) is used by the CSP for the South and Central regions (Arqiva) to indicate the unconfirmed WAN Variant.

During the customer engagement design discussion, it was highlighted by the customer (SSE) that the ““(Space) is confusing and they would prefer a more meaningful response. The suggested wording is to use “Unknown”.

The proposed change will require an update to the SM WAN coverage database managed by the CSP for the South and Central regions.

How does this issue relate to the SEC?

In order to implement the functionality required, the table 3 in CHISM Annex E must be amended to replace ““(Space) with “Unknown”

This is a CHISM documentation change as well as a change for the CSP for the South and Central regions.

What is the impact this is having?

When a User sends Service Request 12.1 'Request WAN Matrix' to check the SM WAN Coverage, “ (Space) is returned as WAN variant in the exception case that an Availability Date for coverage is confirmed but without being able to confirm the WAN Variant that will need to be used. This may cause confusion to the customer.

What are the views of the industry?

Views of the DCC

The DCC identified the issue and raised the proposal to address it through a SEC Modification.

Views of SEC Parties

The views of Parties will be gathered during the Development Stage.

Views of Panel Sub-Committees

The views of Panel Sub-Committees will be gathered during the Development Stage.

Views of the Change Sub-Committee

The Change Sub-Committee was supportive of this proposal and had no further comments to add.