

This document is classified as **White** in accordance with the Panel Information Policy. Information can be shared with the public, and any members may publish the information, subject to copyright.



# DP106 'CHISM update for Unknown WAN Variant'

## Modification Report

Version 0.1

## About this document

---

This document is a draft Modification Report. It currently sets out the background, issue, and progression timetable for this modification, along with any relevant discussions, views and conclusions. This document will be updated as this modification progresses.

## Contents

---

1. Summary.....	3
2. Issue.....	4
Appendix 1: Progression timetable .....	6
Appendix 2: Glossary .....	7

## Contact

---

If you have any questions on this modification, please contact:

**Bradley Baker**

020 7770 6597

[bradley.baker@gemserv.com](mailto:bradley.baker@gemserv.com)

## 1. Summary

---

This Draft Proposal was raised by Chun Chen from the Data Communications Company (DCC).

For a User to obtain a Smart Metering Wide Area Network (SM WAN), they must send Service Request 12.1 'Request WAN Matrix'. The Data Service Provider (DSP) will then provide an Availability Date and WAN Variant in response. WAN Variants are listed in table 3 of SEC Appendix I 'Communications Hub Installation and Maintenance Support Materials (CHISM)' Annex E. In the exception case where the Availability Date for SM WAN Coverage is known, but the WAN Variant is not, with the implementation of [MP081](#), the DSP for the South and Central regions returns " " (Space).

## 2. Issue

### What are the current arrangements?

When a User sends Service Request 12.1 'Request WAN Matrix' to receive 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 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 Smart Energy Code (SEC) Appendix I '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

With the pending implementation of [MP081 'Alignment of DUIS and CHISM to reflect current DCC Processing'](#), the “ “ Space is used by the CSP for the South and Central regions (Arqiva) to indicate the unconfirmed WAN Variant.

During a customer engagement design discussion, it was highlighted by a 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.

### What is the issue?

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?

As a result of the agreed solution of [MP081](#), 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 has been highlighted as a potential cause of confusion for the customer.

## Appendix 1: Progression timetable

As the proposed solution requires amendments to the current CSP systems, this proposal must enter the Refinement Process so that the DCC can complete a Preliminary Assessment as well as an Impact Assessment. This will result in a fully defined solution which will be of a benefit to the industry.

Timetable	
Action	Date
CSC recommendation that Panel convert into a Modification Proposal	28 Jan 20
Panel convert Draft Proposal to Modification Proposal	14 Feb 20
Discuss business requirements with the Proposer	21 Feb 20
Request a DCC Preliminary Assessment	24 Feb 20
Discuss at Working Group	1 Apr 20
Update Panel on progress	17 Apr 20

## Appendix 2: Glossary

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

Glossary	
Acronym	Full term
CHISM	Communications Hub Installation and Maintenance Support Materials
CSP	Communication Service Provider
DCC	Data Communications Company
DSP	Data Service Provider
SEC	Smart Energy Code
SM WAN	Smart Metering Wide Area Network
WAN	Wide Area Network