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Paper Reference:	TABASC_77_0505_03
Action:	For Discussion

MP125 DCC Impact Assessment

1. Purpose

[MP125 'Correcting Device Information for the ESME Variant'](#) is currently undergoing the Refinement Process. The Data Communications Company (DCC) has completed its Impact Assessment. We seek the Technical Architecture and Business Architecture Sub-Committee (TABASC) input on the following questions before we present the final Modification Report to the Change Sub-Committee (CSC):

- Has the DCC's response materially changed since the Preliminary Assessment? If it has, is this a beneficial or detrimental change?

This paper provides a high-level summary of the key points. The DCC Impact Assessment can be found in Appendix A and the business requirements in Appendix B.

2. Summary of the proposal

What is the issue?

This Modification proposes to allow the Responsible Supplier to be able to correct the Electricity Smart Metering Equipment (ESME) Variant in the Smart Metering Inventory (SMI) for the Devices with an incorrect Variant after the Device has been commissioned.

When an installing Supplier pre-notifies a Device to the DCC using the Device Pre-Notification Service Request (SR12.2) it provides various Device details, including the ESME Variant to be stored in the SMI. Whilst the Device remains in the Pending state these details can be corrected by the installing Supplier. Once the Installation and Commissioning process has started and the Device leaves the Pending state then it is no longer possible to update these details in the SMI. Following a Change of Supplier (CoS), the gaining responsible Supplier would be unable to correct any errors made by the previous installing Supplier and as a result, activities such as Device firmware upgrades may not be applicable as intended.

What is the Proposed Solution?

The Proposed Solution is to allow the Responsible Supplier to be able to correct the ESME Variant field in the SMI after the Device has been commissioned. The Responsible Supplier will be able to send SR8.4 'Update Inventory' to correct the ESME Variant if the Device Status is 'Whitelisted', 'Installed Not Commissioned' or 'Commissioned'.

Business requirements

Business Requirements	
Requirement 1	The Responsible Supplier shall be able to update the Electricity Smart Metering Equipment (ESME) Variant held in the Smart Metering Inventory (SMI) after a Device has been commissioned.

The business requirements and solution details can be found in Appendix B.

3. DCC Impact Assessment

The DCC has now completed its Impact Assessment of the Proposed Solution. Its response can be found in Appendix A.

This modification will impact the DCC, Supplier Parties and Device Manufacturers. The lead time to implement is six months and this modification is targeted for implementation in June 2023.

DCC implementation costs

Breakdown of DCC costs				
	Design, Build & Pre-Integration Testing (PIT)	Integration Testing, SIT and UIT	TTO	Total
MP125	£51,593	£24,938	£4,464	£80,995

The explicit breakdown per phase can be found in the DCC Impact Assessment Appendix A.

4. Working Group feedback

The MP125 Impact Assessment findings were presented to the April 2022 Working Group for feedback. The Working Group discussed the benefits of fixing an incorrect ESME Variant and type. A member of the Working Group highlighted the work that is being conducted in Market-wide Half-Hourly Settlement (MHHS) which asks that the integrity and accuracy of the Device Variant remains consistent and that therefore being able to change the ESME Variant, if found to be incorrect, could be an important functionality to have. SECAS highlighted there is an obligation on Suppliers to update details accordingly. The Working Group were concerned that there was no validation around the changes. The DCC stated that even if there could be a way to add validation the price would increase significantly.

5. Implementation approach

This modification is targeted for June 2023 SEC Release. This is considering the lead time of six-month to implement these changes including SIT and UIT.

6. TABASC input on the Impact Assessment

We seek the TABASC's views on the following questions to feed into the Modification Report before we present the report to the CSC:

- Has the DCC's response materially changed since the Preliminary Assessment? If it has, is this a beneficial or detrimental change?

7. Next steps

MP125 will be presented to the Change Sub Committee on 17 May 2022 to agree to move to Report Phase. Following this, we will issue out a Modification Report Consultation before the Change Board vote on 22 June 2022.

Timetable	
Event/Action	Date
Modification discussed at TABASC	5 May 2022
CSC considers the final Modification Report	17 May 2022
Modification Report Consultation	23 May 2022 – 10 Jun 2022
Change Board vote	22 Jun 2022

8. Recommendations

The TABASC is requested to **PROVIDE** views and comments on the questions set out in this paper.

Khaleda Hussain

SECAS Team

28 April 2022

Attachments

- **Appendix A:** MP125 DCC Impact Assessment
- **Appendix B:** MP125 Business requirements