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Paper Reference:	TABASC_81_0109_02
Action:	For Discussion

MP202 Business Requirements

1. Purpose

This paper presents the draft business requirements for Modification Proposal '[MP202 Enduring Solution for SMETS1 and SMETS2 PPMIDS](#)'. We seek the Technical Architecture and Business Architecture Sub-Committee's (TABASC) views on whether the business requirements are clear and unambiguous and suitable for a DCC Preliminary Assessment.

2. Summary of the proposal

What is the issue?

The SEC currently differentiates between SMETS1 and SMETS2+ Devices and is drafted so that a Device can be either SMETS1 or SMETS2+, but not both. The DCC has established that some models of PPMID are designed and can work as both a SMETS1 Device and a SMETS2+ Device, which is referred to as a 'bilingual Device'. However, the SEC does not currently make provisions for such Devices. This means that a PPMID cannot currently be treated as both a SMETS1 PPMID and a SMETS2+ PPMID within DCC Systems, even if it is physically able to behave as such.

Tactical interim solution

In July 2021, the DCC consulted on potential solutions to this issue¹. Following stakeholder feedback, the DCC stated in its response² that it would implement a tactical interim solution and raise a SEC modification to enable the industry to assess the need for an enduring solution.

The DCC's tactical interim solution involves creating distinct entries in the Central Products List (CPL) for one Device model using both the SMETS1 and SMETS2+ with a differentiating firmware version. The SMETS2+ PPMID CPL entry uses the real firmware version whereas the SMETS1 PPMID CPL entry uses a 'fictitious' firmware version.

¹ <https://www.smartdcc.co.uk/customer-engagement/smets1-consultation-on-changes-related-to-ppmids-and-chs/>

² <https://www.smartdcc.co.uk/consultations/dcc-response-to-its-smets1-consultation-on-changes-related-to-ppmids-and-chs/>

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The issue is installations of a SMETS1 PPMID in a SMETS2+ Smart Metering System or vice versa may result in aborted installations, cause inconvenience to the consumer, and possibly result in scrapped Devices.

The DCC understands that the tactical interim solution creates logistical complications for Suppliers where they must ensure that the correct PPMID is joined to an installation of the same SMETS version even though the Devices are identical. If the incorrect Device type is installed the PPMID cannot be the target of any Service Requests.

The DCC has several Users who have indicated they would like to use the same PPMID model across SMETS1 and SMETS2+ Devices. In these cases, the DCC System is unable to determine whether to construct a GBCS command for a SMETS2+ Device or forward a Service Request to the S1SP for a SMETS1 Device.

The benefit of this modification for Suppliers will mean the interim solution will be replaced with an enduring solution, and the chance of failed Installation and Commission (I&C) will be reduced.

3. Business requirements

Business Requirements	
Requirement 1	To allow the same PPMID Device Model to be used in SMETS1 and SMETS2+ Smart Metering Systems.
Requirement 2	Remove obligation for different Firmware Versions.
Requirement 3	Retain current arrangements for adding Device Models to the CPL.
Requirement 4	Allow the Pre-Notification of a dual mode PPMID
Requirement 5	Whitelisting ³ of dual mode PPMID
Requirement 6	Verification of the SMETS version of the Smart Metering System targeted by SR8.11
Requirement 7	Enable OTA firmware upgrades to dual mode PPMID enrolled in a SMETS2+ Smart Metering System

The business requirements can be found in Appendix A.

³ [MP205 'Updating terminology to align with the NCSC'](#) is currently an active modification which is looking to amend 'white list' to 'allow list'.

4. Questions for the TABASC

We seek the TABASC's view on the following questions to feed into the business requirements before we request a Preliminary Assessment:

- **CONFIRM** that the business requirements address the identified issue.
- **PROVIDE** views on whether any additional context should be provided to the DCC for its Preliminary Assessment.
- Are the business requirements suitable to proceed to Preliminary Assessment?

5. Next steps

MP202 will be presented to the Working Group on 7 September 2022 for feedback on the business requirements. Following this, we will request the DCC Preliminary Assessment.

Timetable	
Event/Action	Date
TABASC feedback	3 Aug 2022
Discussed at Working Group	7 Sep 2022
Request DCC Preliminary Assessment	12 Sep 2022
DCC Preliminary Assessment returned (expected)	7 Oct 2022
Discussed at Working Group	2 Nov 2022
Discussed at TABASC	3 Nov 2022
Refinement Consultation	7 Nov – 25 Nov 2022

6. Recommendations

The TABASC is asked to:

- **PROVIDE** views on the suitability of the business requirements to proceed to Preliminary Assessment; and

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SECAS Team

25 August 2022

Attachments:

- **Appendix A:** MP202 business requirements v0.1
- **Appendix B:** MP202 Modification Report v0.2