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SECMP0056 'IHD/PPMID Zigbee Attributes available on the HAN' Business requirements – version 1.1 Annex A

About this document

This document contains the business requirements that support the solution for this Modification Proposal. It sets out the requirements along with any assumptions and considerations. The 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	The Change of Tenancy event must be made available by the Electricity Smart Meter Equipment (ESME) and the Gas Proxy Function (GPF) to Devices on the Home Area Network (HAN).
2	The In-Home Display (IHD)/Pre-Payment Meter Interface Device (PPMID) must take notice of the Change of Supplier (CoT) event settings and, if indicated, clear Consumer related data stored on the IHD/PPMID prior to the date indicated in the CoT
3	The IHD/PPMID should remove supplier messages in case of a CoT event; the ESME and the GPF should clear the active message.

2. Considerations and assumptions

This section contains the considerations and assumptions for each business requirement.

2.1 General

This solution will be applied to SMETS2 Devices.

2.2 Requirement 1: The Change of Tenancy event must be made available by the Electricity Smart Meter Equipment (ESME) and the Gas Proxy Function (GPF) to Devices on the Home Area Network (HAN).

The CoT parameters must be made available to HAN devices via the ZigBee Device Management cluster.

2.3 Requirement 2: The In-Home Display (IHD)/Pre-Payment Meter Interface Device (PPMID) must take notice of the Change of Supplier (CoT) event settings and, if indicated, clear Consumer related data stored on the IHD/PPMID prior to the date indicated in the CoT

The IHD/PPMID must extract the date and time setting and then clears:

- Historic consumption data
- Supplier messages

2.4 Requirement 3: The IHD/PPMID should remove supplier messages in case of a CoT event; the ESME and the GPF should clear the active message.

Energy Suppliers can send messages for display on the User interface of the metering Devices, these messages can be also displayed on the IHD/PPMID. Suppliers may choose to customize these messages for individual Consumers and this may lead to messages to become personal identifiable information according the GDPR regulations.

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**
CoT	Change of Tenancy
DCC	Data Communications Company
ESME	Electricity Smart Metering Equipment
GPF	Gas Proxy Function
HAN	Home Area Network
IHD	In-Home Display
PPMID	Pre-Payment Meter Interface Device