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MP210 ‘RSA forecasts, orders and pay stock charges for Alt HAN Equipment’ Business requirements – version 0.1 Annex A

About this document

This document contains the business requirements that support the solution(s) for this Modification Proposal. It sets out the requirements along with any assumptions and considerations. The Data Communications Company (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	Registered Supplier Agents (RSAs) are to be able to forecast, order and obtain Alt HAN Equipment on behalf of their Suppliers.
2	The DCC shall be able to process Explicit Charge reports from Alt HAN Co that contain RSA as well as Supplier in stock charge data.
3	Explicit Charges can be levied against an RSA for Devices the RSA holds in stock.

2. Considerations and assumptions

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

2.1 General

This solution only applies to Smart Metering Equipment Technical Specifications 2 (SMETS2) Devices. Please note that to allow RSAs to forecast, order and procure Alternative Home Area Network (Alt HAN) equipment, changes must be made to the Alt HAN Supplier Contract. In order to deliver these changes, Alt HAN Co have drafted a set of business requirements that are outside of scope of this Smart Energy Code (SEC) Modification. Please note that RSAs will have the ability to return Alt HAN equipment, however this will be captured within the Alt HAN business requirements. The requirements can be found below and have been annexed to the Modification Report:

Alt HAN Co Business Requirements		
ID	Requirement	Party
1	Participating RSAs will need to order and forecast AHC devices from the Operational Service Provider (OSP) system	RSA/OSP
2	Participating RSAs will need to be able to accept/reject deliveries	RSA/OSP
3	Participating RSAs will record any Point to Point (P2P) installations on the OSP portal	RSA/OSP
4	Participating RSAs need to be able to return faulty devices after deliveries have been accepted	RSA/OSP
5	A SEC Modification to Section Z to allow RSAs to be charged by DCC	DCC
6	Consideration whether Participating RSAs will need to accede to current AHC Supplier contract or whether they will need their own separate RSA contract with RSA specific obligations*	Alt HAN Forum
7	Consideration as to whether a Supplier must have acceded to the Alt HAN Supplier contract prior to a participating RSA acting on their behalf	Alt HAN Forum

*Contract changes that will need to be drafted include:

- Capturing rights and obligations related to Forecast and Ordering
- Associated relationships between Relevant Suppliers and their associated RSA
- What will happen when an RSA terminates
- Will RSAs receive the same level of access to all services as Relevant Suppliers
- Will there be any changes to the current returns process that will be RSA specific

2.2 Requirement 1: Registered Supplier Agents (RSAs) are to be able to forecast, order and obtain Alt HAN equipment on behalf of their Suppliers.

Allowing RSAs to forecast, order and obtain Alt HAN equipment will provide benefit to Relevant Supplier Parties as their respective RSA will be able to better manage their smart installation

operational processes. Forecasting, ordering and procuring Alt HAN equipment is currently limited to Relevant Supplier Parties only.

2.3 Requirement 2: The DCC shall be able to process Explicit Charge reports from Alt HAN Co that contain RSA as well as Supplier in stock charge data.

Alt HAN Co will make available to DCC an Explicit Charge report that sets out who is responsible for 'in stock' Devices. Current levels of DCC validation may have to be amended to be able to accept the Explicit Charge report from Alt HAN Co containing RSAs.

2.4 Requirement 3: Explicit Charges can be levied against an RSA for Devices the RSA holds in stock.

Upon receipt of the Alt HAN Co report that sets out who is responsible for 'in stock' Devices, the DCC shall be able to charge each RSA accordingly. The RSA charge for Alt HAN equipment shall be the same as what is currently in place for Relevant Supplier Parties.

3. Solution development

This section contains a must-have, should-have, could-have, won't-have (MoSCoW) analysis for the different requirement components to be considered as part of the solution.

MoSCoW Analysis		
Requirement Ref.	Description	MoSCoW
1	Allowing RSAs to forecast, order and obtain Alt HAN equipment is the overarching intent of this modification as it will provide benefits to Relevant Supplier Parties looking to provide smart metering services to its customers who may reside in areas unsuitable for standard Smart Metering Equipment.	M
2	In order to deliver the Proposed Solution, DCC will need to be able to process the Alt HAN Co-produced report that will contain RSA data.	M
3	Charging correctly is vital to the success of this modification delivering the proposed benefits.	M
4	Changes to the Alt HAN Supplier Contract are required to enable RSA to order and forecast Alt HAN equipment and Alt HAN inventory and reporting to be updated. And to ensure the changes to the SEC mirror and are enabled within the Alt HAN Supplier Contract.	M

Key

- M = Must have
- S = Should have
- C = Could have
- W = Won't have

4. Glossary

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

Glossary	
Acronym	Full term
Alt HAN	Alternative Home Area Network
Alt HAN Co	Alternative Home Area Network Company
DCC	Data Communications Company
MoSCoW	must-have, should-have, could-have, won't-have
OSP	Operational Service Provider
P2P	Point to Point
RSA	Registered Supplier Agent
SEC	Smart Energy Code
SECAS	Smart Energy Code Administrator and Secretariat
SMETS	Smart Metering Equipment Technical Specifications