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.

SECMP0024 'Enduring Approach to Communication Hub Firmware Management'

Business requirements – version 2.0

About this document

This document contains the business requirements and solution design specification for this Modification Proposal. It provides detailed information on the business requirements for the proposed solution agreed by the Proposer with input from the Data Communications Company (DCC), Sub-Committees and the Working Group, and the considerations and assumptions for each business requirement with respect to this Modification Proposal.

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 DCC is to generate an Alert to the Service User upon successful activation of Communications Hub firmware, containing the firmware version of the newly activated firmware.

2. Considerations and assumptions

2.1 General

Originally, this modification proposed an approach to Communications Hub firmware management that gave Suppliers more oversight over the process. This included the following requirements:

1. The DCC will notify all relevant Users of a Communications Hub (CH) firmware update being available
2. The DCC shall trigger the firmware update to a 'pilot group' of CH prior to mass deployment
3. The Supplier(s) can choose to trigger the firmware update at an earlier time than the DCC's specified deployment date
4. Any solution shall be able to accommodate split Supplier scenarios
5. The DCC will update Suppliers regularly at different stages of firmware processing
6. If issues are identified with deployed firmware, the DCC shall investigate and determine whether to proceed with the roll-out

The first Preliminary Assessment proposed to deliver these requirements via:

- new Service Request(s) on the DCC User Interface Specification (DUIS); and
- use of a the Self-Service Interface (SSI).

However, the scope of this modification has significantly decreased following reviews from the Technical Architecture and Business Architecture Sub-Committee (TABASC) and the Working Group. This was due to concerns over the costs of both solutions and whether there was a business case.

Therefore, this modification has been reduced to a single requirement explained below.

2.2 Requirement 1: The DCC is to generate an Alert to the Service User upon successful activation of Communications Hub firmware, containing the firmware version of the newly activated firmware

The Proposer requests as an absolute minimum that the solution introduces an Alert to Service Users notifying them when a firmware update has been made to a Communications Hub.

The Proposer and the Working Group agree that the minimum requirement is for Suppliers to receive an Alert upon activation of Communications Hub firmware with the newly activated firmware version.

SECAS note the solution provided by the DCC its first Preliminary Assessment would have delivered this Alert. However, the Proposer is now asking for this requirement to be delivered on its own.

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**
CH	Communications Hub
DCC	Data Communications Company
DUIS	DCC User Interface Specification
GUID	Globally Unique Identifier
HAN	Home Area Network
SMI	Smart Metering Inventory
TABASC	Technical Architecture and Business Architecture Sub-Committee