MP143 'Incorporating IRPs into GBCS v3 series'

Business requirements – version 1.0

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 following non-DCC System impacting Issue Resolution Proposals (IRPs) shall be included in the GB Companion Specification (GBCS) v3.x series: • IRP589 'CS02b authentication sequence' • IRP596 'TRANSCOS execution counters' • IRP623 'Read ALCS Event Log values v2' • IRP631 'Table 7 3 8 - Correction of Inconsistency' • IRP642 'Reclarifying trigger for Alert Code 8F69'

2. Considerations and assumptions

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

2.1 General

The Department for Business, Energy and Industrial Strategy (BEIS) Technical Specification Issue Resolution Sub-Group (TSIRS) has determined the changes need under these IRPs and have passed them to the Smart Energy Code Administrator and Secretariat (SECAS) to incorporate into the SEC via the Modification Process.

The five IRPs in scope of this modification are Non-DCC System impacting that affect the Technical Specification documents only.

2.2 Requirement 1: Five non-DCC System impacting IRPs shall be included in the GBCS v3.x series

The Proposer requests that the following non-DCC System impacting IRPs be included in the GBCS v3.x series:

- IRP589 'CS02b authentication sequence'

- IRP596 'TRANSCOS execution counters'

- IRP623 'Read ALCS Event Log values v2'

- IRP631 'Table 7 3 8 - Correction of Inconsistency'

- IRP642 'Reclarifying trigger for Alert Code 8F69'

The Proposer wishes for these IRPs to be included in the November 2022 SEC Release.

IRP589 and IRP596 have already been implemented into GBCS v4.0 in the November 2020 SEC Release. However, both IRPs are recognised by Device manufacturers as essential for inclusion in GBCS v3.x as well, to ensure Devices operating on GBCS v3.x are Commercial Product Assurance (CPA) compliant.

IRP623 and IRP631 were previously include in MP158 'Incorporation of multiple Issue Resolution Proposals into the SEC – Batch 5'. However, as the IRP documents for each of these IRPs explicitly stated the changes needed to be applied GBCS v3.x, both IRPs were moved to this MP143.

IRP642 'Reclarifying trigger for Alert Code 8F69' states that it should be included within GBCS v3.x as well as GBCS v4.x. Therefore, IRP642 will be included within MP143 to carry the GBCS v3.x changes. It will also be included within a new Draft Proposal but only for the GBCS v4.x changes. This is to maintain efficiency and to limit the number of new GBCS versions for each series.

Although the IRPs in scope of MP143 are non-DCC System impacting, any uplift to the GBCS v3.x series will have an impact on the DCC. A Preliminary Assessment is sought to understand these impacts, including any impacts on the DCC's Application Support.

Device manufacturers have noted that they expect the resulting GBCS v3.x uplift (if MP143 is approved) to be the last for the GBCS v3.x series.

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**
BEIS	Department for Business, Energy and Industrial Strategy
DCC	Data Communications Company
CHTS	Communications Hub Technical Specifications
GBCS	GB Companion Specification
IRP	Issue Resolution Proposal
SECAS	Smart Energy Code Administrator and Secretariat
SMETS	Smart Metering Equipment Technical Specifications
TSIRS	Technical Specification Issue Resolution Sub-Group