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DP279

‘June 2025 SEC Release & DUIS Housekeeping Changes’

Modification Report

Version 1.0

8 April 2025



About this document

This document is a Modification Report. It sets out the background, issue, solution, impacts, costs, implementation approach and progression timetable for this modification, along with any relevant discussions, views and conclusions.

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This document also has one annex:

- **Annex A** contains the redlined changes to the Smart Energy Code (SEC) required to deliver the Proposed Solution.

Contact

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1. Summary

This proposal has been raised by David Walsh from the Data Communications Company (DCC).

The Smart Energy Code Administrator and Secretariat (SECAS) maintains a log of typographical errors, cosmetic and other inconsistencies, omissions and other clarifications that are required to be corrected within SEC documentation. Any such instances that are identified by any Party, and where SECAS are subsequently notified, are placed on a log of issues, and are then amended at an appropriate point. The Proposed Solution to this modification aims to address the log of issues identified within the SEC. The issues identified as part of this modification impact SEC Appendix AD 'DCC User Interface Specification' (DUIS), SEC Appendix AW 'Performance Assurance Framework' and SEC Appendix Q 'IKI Certificate Policy'.

This modification will have no direct impacts on any SEC Parties but will give greater clarity and transparency to the SEC including the DUIS document. Implementation costs are limited to SECAS time and effort to update the SEC. Implementation is targeted for the June 2025 SEC Release. The rationale for implementing this modification into the June 2025 SEC Release is to align with the next uplift to DUIS. This is a Self-Governance modification.

2. Issue

What are the current arrangements?

The current SEC Documents may contain minor errors which were either in the SEC from inception or introduced via various updates over the years. SECAS maintains a log of these errors, which have either been identified by SECAS or SECAS have been notified by other Parties.

The DCC User Interface Specification

The DUIS specifies the technical details of the DCC User Interface. It sets out mechanisms, formats, protocols, and other technical details necessary for DCC Users to send and receive communications to and from the DCC. The document is currently only updated at a maximum of once a year, either through a major (X+1.X) or minor (X.X+1) uplift. The latest version is DUIS v5.3, with v5.4 set to go live as part of the June 2025 SEC Release (26 June 2025). Therefore, any housekeeping associated with DUIS should be included in this modification.

What is the issue?

Any errors identified within the SEC make SEC documents harder to interpret and potentially lead to confusion or misunderstanding. The proposed housekeeping changes are listed below along with the specific amendments that are needed in this modification:

Summary of error	Impacted SEC Documents	Proposed change
Terms CTAS and CCSC still exists in Section A	SEC Section A - Definitions and Interpretations	Remove the terms from Section A
Section D2.6	SEC Section D - Modification Process	Amend the wording to reflect 'Authority Determined Modification'
Section D2.7	SEC Section D - Modification Process	Remove the additional space
Section 4.1.4	SEC Appendix D – SMKI Registration Authority Policies and Procedures	The term Manufacturer is missing. Add the missing term
Section 8.1.11 Registered Supplier Agent (RSA) User role	SEC Appendix R – Common Test Scenarios Document	This should read 'Other User (OU) Role'.
5.3 Personnel Controls – 5.3.1 (B)	SEC Appendix Q – IKI Certificate Policy	Amend 5.3.1 (B) to include 'BS785B'
Section 3.1 Table 18 – Service Request Matrix SRV 4.8.3	SEC Appendix AD – DCC User Interface Specification (DUIS)	Amend SR Name 'Read Export Profile Data' to include under Eligible User Roles 'MDR'
Section 3.1 Table 18 – Service Request Matrix SRV 8.14.3	SEC Appendix AD – DCC User Interface Specification (DUIS)	Amend SR Name 'Communications Hub Status Update. – Fault Return' to include under Eligible User Roles 'RSA'
Section 3.1 Table 18 – Service Request Matrix SRV 8.14.4	SEC Appendix AD – DCC User Interface Specification (DUIS)	Amend SR Name 'Communications Hub Status Update – No Fault Return' to include under Eligible User Roles 'RSA'
Section 3.8.43.2 Table 157 - Specific Data Items for this Request	SEC Appendix AD – DCC User Interface Specification (DUIS)	Replace 'Import' with 'Export' for DSPReadInsantaneous-ImportRegister
Typo error on 1.4.7.14Active Firmware SRV 11.3	SEC Appendix AD – DCC User Interface Specification (DUIS)	Amend typographical error in 1.4.7.14 from 'if' to 'is'
Typo error on Section 3.8.27.2 Table 136 - Specific Data Items for this Request	SEC Appendix AD – DCC User Interface Specification (DUIS)	Amend typographical error in KAPublicSecurityCredentials from 'i.e.' to 'e.g'
Four instances of spelling error	SEC Appendix AD – DCC User Interface Specification (DUIS)	Correct spelling error of four instances of 'Smart Meter Inventory' to 'Smart Metering Inventory'
Ten instances of typo error - Section 1.4.11.2 Table 4, Section 3.6.2.2 Table 38, Section 3.6.3.2 Table 40, Section 3.8.124.4, Section 3.8.125.4, Section 3.8.126.5 and Section 3.9.15.3	SEC Appendix AD – DCC User Interface Specification (DUIS)	Amend typographical error of the term 'Service Users' to 'Users' and term 'Service User' to 'User'

Six instances of grammatical error on the term "Suspension"	SEC Appendix AD – DCC User Interface Specification (DUIS)	Remove inverted comma and capital S from the term "Suspension" to suspension
Two instances of grammatical error on the term "Suspended" Table 255 and Table 257.2	SEC Appendix AD – DCC User Interface Specification (DUIS)	Remove inverted comma from the term "Suspended" to 'Suspended'
Grammatical error Section 1.4.7.13 Update Firmware SRV 11.1	SEC Appendix AD – DCC User Interface Specification (DUIS)	Remove additional full stop
Seven instances of grammatical error Table 18: Service Request Matrix	SEC Appendix AD – DCC User Interface Specification (DUIS)	Where the 'Eligible User Roles' section has merged into one line. Add the additional space to separate
Grammatical error Section 3.6.3.4 DCC Alert Codes N51Table 41	SEC Appendix AD – DCC User Interface Specification (DUIS)	Remove the additional space
Grammatical error Section 3.8.111.3 Specific Validation for this Request	SEC Appendix AD – DCC User Interface Specification (DUIS)	Remove the additional line break
Grammatical error Section 3.8.112.3 Specific Validation for this Request	SEC Appendix AD – DCC User Interface Specification (DUIS)	Remove the additional line break
Grammatical error Section 3.8.124.3 Specific Validation for this Request	SEC Appendix AD – DCC User Interface Specification (DUIS)	Remove the additional line break
Typo error Section 3.8.125 Active Firmware	SEC Appendix AD – DCC User Interface Specification (DUIS)	Amend GBCS message code from Red to Black
Grammatical error Section 3.8.125.4 Additional DCC System Processing	SEC Appendix AD – DCC User Interface Specification (DUIS)	Remove the additional space
Grammatical error Section 3.8.126.5 Additional DCC System Processing	SEC Appendix AD – DCC User Interface Specification (DUIS)	Add break line and remove the additional space
Grammatical error Section 3.8.127.3 Specific Validation for this Request	SEC Appendix AD – DCC User Interface Specification (DUIS)	Remove the additional line break
Grammatical error Section 3.8.127.4 Specific Data Items in Response	SEC Appendix AD – DCC User Interface Specification (DUIS)	Remove the additional line break
Grammatical error Section 3.8.127.4 table 260a DSPWANMatrixResponse Definition	SEC Appendix AD – DCC User Interface Specification (DUIS)	Remove the additional line break and amend the font of the table name
Section 3.9.1 Table 262	SEC Appendix AD – DCC User Interface Specification (DUIS)	The table cuts off in the middle leaving blank space, remove blank spaces
Section 3.8.119.3	SEC Appendix AD – DCC User Interface Specification (DUIS)	Include the DUIS correction to align DUIS with SRPD

Section 1.3 Defined Term	SEC Appendix AD – DCC User Interface Specification (DUIS)	Add the additional wording in defined term Initial Retry Period
Section 1.4.11.5 SMETS1 Alerts	SEC Appendix AD – DCC User Interface Specification (DUIS)	Add the additional wording
Section 3.2.4 Authorisation Table 22	SEC Appendix AD – DCC User Interface Specification (DUIS)	Add 11.4 (Update PPMID Firmware)
Section 1.4.7.5 Top Up Device SRV 2.2	SEC Appendix AD – DCC User Interface Specification (DUIS)	Add the additional wording

What is the impact this is having?

If these corrections are not resolved, the SEC will contain inconsistencies. Although these are typographical errors, cosmetic and other inconsistencies, omissions and other clarifications, not addressing these errors could lead to confusion for Parties when using these documents.

If these errors remain, it could make it harder for Parties to utilise SEC documents and make them harder to maintain, increasing the chance of further inconsistencies occurring in the future.

Impact on consumers

The identified errors do not impact consumers.

3. Solution

Proposed Solution

The Proposed Solution is to correct the errors and inconsistencies identified in the SEC through implementation of text only changes.

The proposed legal text changes can be found in Annex A.

4. Impacts

This section summarises the impacts that would arise from the implementation of this modification.

SEC Parties

SEC Party Categories impacted			
	Large Suppliers		Small Suppliers

SEC Party Categories impacted			
	Electricity Network Operators		Gas Network Operators
	Other SEC Parties		DCC

There are no direct impacts on SEC Parties from this modification. All Parties will indirectly benefit from this modification as errors and inconsistencies within the SEC will be addressed and corrected.

DCC System

This modification does not impact the DCC Systems.

SEC and subsidiary documents

The following parts of the SEC will be impacted:

- Section A 'Definitions and Interpretations'
- Section D 'Modification Process'
- Appendix D 'SMKI Registration Authority Policies and Procedures'
- Appendix R 'Common Test Scenarios Document'
- Appendix Q 'IKI Certificate Policy'
- Appendix AD 'DCC User Interface Specification'

Other Modifications in the June 2025 SEC Release may result in an uplift to the DUIS document. This will also result in consequential changes to SEC Schedule 11 'TS Applicability Tables' (TSAT), although this will be done as part of the June 2025 SEC Release regardless of this modification. This is the case for each of the Technical Specifications.

The changes to the SEC required to deliver the proposed solution can be found in Annex A.

Technical specification versions

The latest version is DUIS v5.3, with v5.4 set to go live as part of the June 2025 SEC Release (26 June 2025). The proposed changes this modification will make will be implemented into DUIS v5.4

Devices

This modification does not impact Devices.

Consumers

This modification does not impact consumers.

Other industry Codes

This modification does not impact other industry Codes.

Greenhouse gas emissions

This modification does not impact greenhouse gas emissions.

5. Costs

DCC costs

There are no DCC costs associated with this modification.

SECAS costs

The estimated SECAS implementation cost to implement this as a stand-alone modification is half a day of effort, amounting to approximately £300. This cost will be reassessed when combining this modification in a scheduled SEC Release. The activities needed to be undertaken for this are:

- Updating the SEC and releasing the new version to the industry.

SEC Party costs

There are no SEC Party costs associated with this modification.

6. Implementation approach

Recommended implementation approach

SECAS is recommending an implementation date of:

- **26 June 2025** (June 2025 SEC Release) if a decision to approve is received on or before 12 June 2025; or
- **The next DUIS release** if a decision to approve is received after 12 June 2025, but at least 10 Working Days before the Release.

Implementation is targeted for the June 2025 SEC Release. The rationale for implementing this modification into the June 2025 SEC Release is to align with the next uplift to DUIS. If a decision is made after 12 June 2025, the modification will be implemented the next time an uplift to DUIS occurs, which is likely to be June 2026.

7. Case for change

Business case

This modification will only incur the costs for SECAS time and effort and will address multiple inconsistencies and points of potential confusion or misinterpretation.

Views against the General SEC Objectives

Proposer's views

The Proposer believes that the modification will better facilitate SEC Objective (a)¹ as it will correct errors in the SEC and lead to less confusion or misinterpretation.

Views against the consumer areas

Improved safety and reliability

This modification will have a neutral impact on safety and reliability.

Lower bills than would otherwise be the case

This modification will have a neutral impact on consumer bills.

Reduced environmental damage

This modification will have a neutral impact on environmental damage.

Improved quality of service

This modification will have a neutral impact on quality of service.

Benefits for society as a whole

This modification will have a neutral impact on benefits for society.

Final conclusions

This modification addresses multiple inconsistencies and points of potential confusion or misinterpretation. There are no DCC costs and only a minimal SECAS cost to implement.

¹ Facilitate the efficient provision, installation, operation and interoperability of smart metering systems at energy consumers' premises within Great Britain.

Appendix 1: Progression timetable

Timetable	
Event/Action	Date
Draft Proposal raised	16 Jan 2025
Presented to CSC for initial comment	21 Jan 2025
CSC converted Draft Proposal to Modification Proposal	21 Jan 2025
<i>Modification Report approved by CSC</i>	<i>15 Apr 2025</i>
<i>Modification Report Consultation</i>	<i>17 Apr 2025 – 9 May 2025</i>
<i>Change Board Vote</i>	<i>21 May 2025</i>

Italics denote planned events that could be subject to change

Appendix 2: Glossary

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

Glossary	
Acronym	Full term
DCC	Data Communications Company
DUIS	DCC User Interface Specification
MDR	Meter Data Retriever
PAB	Performance Assurance Board
RSA	Registered Supplier Agent
SEC	Smart Energy Code
SECAS	Smart Energy Code Administrator and Secretariat
SRV	Service Reference Variant
TSAT	Technical Specification Applicability Tables