# DCC Release R1.4 Statement of Scope

This Statement of Scope describes the baseline for DCC Release 1.4 which will be delivered in line with the revised DCC Plan and delivery strategy.

In order for DCC to deliver on its commitments under the Licence and the Smart Energy Code (SEC), it needs requirements to be stable. Stable input requirements will allow the revised DCC Plan to proceed with a greater level of certainty which ultimately benefiting all parties and increases overall confidence in delivery.

This Statement sets out the input requirements for DCC’s release, together with DCC actions in response to changes to those requirements. The input requirements for DCC Release 1.4 are categorised as follows:

*Changes included to support Regulation*:

* Resolution of SEC Transitional Variations
* SEC Alignment - DCC System and Service enhancements

*Changes included to support the enhancement of DCC Services;*

* DCC Internal System Changes
  + requests from the SEC Security Sub Committee
  + enhancements to DCC Systems targeted to improve the existing DCC service offered to Users

## Changes included to support Regulation

This release includes changes targeted at increasing DCCs alignment to the SEC including resolving any agreed SEC Transitional variations applied for and agreed with BEIS against the original implementation scope of R1.2 and R1.3, as well as additional functionality added to the DCC Systems to ensure alignment to SEC and its subsidiary documents in several areas.

### Resolution of SEC Transitional Variations

Change #1

***CR193 and CR193a - Use of EUI64 Identifiers***

This change has been included in R1.4 in order to remove Transitional Variation 0044. DCC and DECC have agreed via a SEC Transitional Variation a temporary functional de-scoping of SEC requirement H1.5.

Implementing this change will result in the SEC Transition variation against clause H1.5 being removed as the issue will be resolved.

The DCC solution will be enhanced to resolve the current System Limitations as notified by DCCs IRB to Industry in its DCC Guidance Note “Use of EUI64 Identifiers” dated 11.12.15 - It has been established that the DCC Systems as currently designed and built for the current SIT (Systems Integration Test) phase and the 1.x release does not support multiple EUI-64 Identifiers per SEC Party/User Role combination.

The design of the DCC Systems will be changed to accommodate multiple EUI-64 Identifiers per SEC Party/User Role combination.

Change #2

***CR195 - SSI changes as defined in H8.16***

This change has been included in R1.4 in order to remove Transitional Variation 0054. SEC4 legal text has added an additional explicit requirement in clause H8.16 as part (c) for the SSI to provide access for all Users to the Service Audit Trail entries for Read Profile Data and Retrieve Daily Consumption Log Service Requests.

Implementing this change will result in the SEC Transition variation against clause H8.16 being removed as the issue will be resolved.

The DCC solution and specifically the Self Service Interface Specification (SSI) is updated to include the functionality outlined in SEC clause H8.16c. This includes;

* + An additional use case shall be made available to ALL Users within the SSI.
  + This use case shall be available to all Users under the existing RBAC rules.
  + Its look and feel should be general aligned to the existing Service Audit Trail Use Case as much as possible for design consistency.

### SEC Alignment - DCC enhancements

Change #3

*Note: Changes are originally scheduled to be deployed to production as part of R1.4, however these changes are now scheduled to be delivered in April 2018 as part of a wider SMKI Recovery delivery stream*

***CR183 and CR183a - Recovery Procedure Changes***

This change has been included in DCC R1.4 in order for DCC to meet new obligations (recovery testing and restriction of communications) placed upon the DCC as part of the 3rd consultation of the Recovery Procedure for its inclusion into the SEC as a SEC Subsidiary document.

As a direct result of the finalisation of the “SMKI recovery procedure” document for its designation for DCC Live some final changes were made and additions included that could not be supported by the DCC Systems in time for DCC Live due to the short lead times.

This CR includes all of these to ensure that the DCC solution is aligned and compliant with the contents of the already designated Recovery procedure contained within the SEC.

In summary there are 3 changes in this CR;

* + Annual setup of an environment to test recovery interfaces and functionality.
  + Extend the recovery application to re-instate communications to affected devices.
  + Generate notification files for Users with only devices for which they are responsible for

## Changes included to support DCC Internal System Changes

In line with SEC H8.8 the DCC is proposing to make several changes that have been categorised as DCC Internal System Changes within the scope of the DCC R1.4 release.

These DCC Internal System Changes are targeted at improving the operational efficiency of the DCC Systems and to either enhance the DCC Service offered to Users and/or improve its maintainability over time to continue offering the a high quality reliable service.

These DCC Internal System Changes that have been proposed to be made by the DCC, working closely with Its Service Providers.

Change #4

***CR205 - Anomaly Detection SMETS Object Limits***

Through a combination of input from the Transitional Security Expert Group (TSEG) and the enduring SEC Security Sub-Committee a request has been made to DCC, in line with the contents of SEC section G6.6, to introduce new requirements to extend the range of Anomaly Detection attribute limit checks performed by the DCC.

The DCC solution’s data value (“attribute limit”) Anomaly Detection process will be enhanced to support an additional set of 4 data values to be checked as part of Service Request processing. This change request is to add 4 new data value checks based on SMETS objects for Signed Pre-Commands received by the DCC Systems; data items - Calorific Value, Conversion Factor, Uncontrolled Gas Flow Rate and Randomised Offset Limit.

Change #5, #6 and #7

***DCC Systems supporting Software Platform Technology Upgrades***

It is proposed that the DCC System shall update some of the underlying DSP software platforms used against various components within the DSP Systems in order to improve the maintenance and supportability of the Systems and reduce/mitigate the risk of operating unsupported and older versions of software platforms over time. The following three software platforms are recommended for uplift by these changes;

* OR783 -Volt DB version
* OR784 - Java version
* OR785 - JBoss version

## Additional Changes

It is appreciated that unplanned changes may be encountered over the course of the release; these changes will be managed formally via the change control process, assessed, prioritised and impacted appropriately.

## Regulation Baseline

The SEC has changed since DCC Live and continues to evolve over time. DCC R1.4 is intended to be designed, tested and built against the scope of SEC version 5.4 – 9th February 2017 as this reflects the latest version of SEC available at the time R1.4 scope is finalised.

The DCC Plan for R1.4 is baselined against SEC version 5.4 and includes alignment to all SSDs associated with this version of the SEC including but not limited to the following technical specifications,

* GBCS v1.0
* CHTS v1.0
* SMETS v2.0
* DUIS v1.0
* MMC v1.0 (and the latest available version of the associated Parse and Correlate version that relates to these SSDs)

The DCC recognises that further version of the SEC may be designated between the baselining of scope and the implementation of DCC R1.4. Any changes to SEC versions post this baseline version that have an impact on the DCC Systems for R1.4 will need to be managed via the R1.4 change control process.

DCC agree, together with BEIS and the SEC panel, to:

* Monitor the changes proposed to SEC between now and the R1.4 implementation date.
* Determine and agree each modification that is proposed prior to the implementation of R1.4 and review its impact upon the scope of R1,4
* Ensure any modifications proposed are essential to the operation of the full smart metering system and/or have a material effect on the overall SMIP Impact Assessment prior to inclusion within the R1.4 scope
  + If deemed appropriate by all Parties, agree the wording of each modification to ensure it can be delivered unambiguously as part of the R1.4 scope
  + If not deemed appropriate by all Parties agree to schedule the implementation of the modification into an appropriate release of SEC beyond the DCC Release 1.4 if it cannot be accommodated within the R1.4 scope.

# Annex 1 - DCC Release 1.4 Statement of Scope

The following provide a summary one page reference guide for the DCC Release 1.4 Statement of Scope.



