



EPCL Report

EPCL Report 20 - DMCT Tranche 21

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1. Context of EPCL Request

Annex A to this EPCL Report sets out the specific details of 70 entries that DCC are proposing to add to the Eligible Products Combination List (EPCL), subject to approval from the Secretary of State to do so.

DCC is requesting to add Mixed MOC Secure entries which have SMETS1 Installations to the EPCL, overall volumes are detailed below:

Overall	Installations			Meters		
	Active	Dormant	Mixed	Active	Dormant	Mixed
Requested EPCL entries	0	0	92,443	0	0	184,886
Potential F/W upgrades to requested EPCL entries	0	0	14,027	0	0	28,054
Total by Installation Status	0	0	106,470	0	0	212,940
Totals	106,470			212,940		

As described in Appendix D, for the following proposed Mixed EPCL entry 001183, DCC has tested the Dormant entry in DMCT. In line with SVTAD Appendix AK, Clause 20.9, DCC has chosen not to additionally test the entry for this DMC in respect of SMETS1 Installations that comprise both Dormant and Active Meters as it considers that the testing in respect of the entry containing only Dormant Meters suffices.

In addition to the EPCL entry listed above, DCC is requesting to add MOC Secure entries to the EPCL based on "Substantive Equivalence" (see Annex E). DCC proposes that each of the relevant EPCL entries contained within this report are Substantively Equivalent to existing BEIS approved EPCL entries, or EPCL entries proposed to BEIS for inclusion on EPCL (See Annex A) and therefore do not require testing for the DCC to satisfy itself that it will be able to migrate them and be able to successfully process SMETS1 Service Requests and relevant SMETS1 Alerts in respect of enrolled SMETS1 Smart Metering Systems comprising all or part of the DMCs represented by the EPCL entries .

For the requested EPCL entries in this report, the migration of SMETS1 installations and enrolment of Smart Metering Systems specified by these entries will not have an adverse impact on the delivery of DCC Services and DCC does not consider there to be any regression risk.

DCC has provided the Security Sub-Committee (SSC) with DCC confirmation that the DCC does not consider there to be any unmanageable security risks associated with adding the requested EPCL entries to the EPCL. On 12 October 2021 SSC confirmed there are no apparent new security risks to prevent the requested EPCL entries being added to the EPCL.

DCC accordingly recommends that BEIS approves the requested new entries for the EPCL set out in Annex A.

DCC considers that the aforementioned entries should be made to the EPCL because:

- (i) The DCC has followed the process required of it in respect of them as set out in Clause 20 of the SVTAD, and as further set out in Annex D; and
- (ii) In the case of requested EPCL entries listed in Annex A where DCC does not consider that testing is necessary because each of the requested EPCL entries is considered to be substantively equivalent to entries that have been tested, the test reports are referenced in Annex A:

The rationale for treating the requested EPCL entries as substantively equivalent is set out in 'Excluded from DMCT Schedule', published on the DCC Website ([here](#)), and described in Annex E; and

- (iii) The DCC is ready to support the Migration of SMETS1 Installations comprised of the requested EPCL entries and the subsequent operation of the associated Enrolled Smart Metering Systems in accordance with the assessment set out in the Live Service Criteria Assessment.

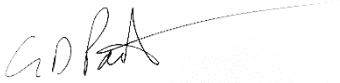
If a Supplier Party has any objections to the DCC's request that BEIS approves the addition of the entries listed in this report onto the EPCL their concerns should be sent to BEIS (SMETS1_appeals@beis.gov.uk), within 5 working days of a notification being issued by SECAS of the publication of this report.

2. Live Service Criteria Assessment

#	Live Service Criteria	RAG Status	Commentary
1	SMETS1 Migration Services ready including early migration support for relevant EPCL entry(ies)	G	DCC will be ready to carry out migration of the DMCs that are included in Annex A, which DCC is proposing to add to the EPCL.
2	Service Operations capability ready	G	DCC's core Service Operations Capabilities are in place and ready to support the migration and operation of the DMCs set out in Annex A. These include dedicated SMETS1 resources across the MCC, Early Life Support (ELS) and co-located support functions.
3	SMETS1 Service and Migration can operate at the requisite volumes to support migration and operation of the relevant EPCL entry(ies) and operating capability, in parallel with all SMETS2 activity	G	<p>This EPCL report will introduce additional IOC, MOC MDS and MOC Secure Cohort DMCs onto the EPCL. DCC is of the opinion that the addition of the proposed DMCs will not impact service or migration performance.</p> <p>DCC has proven the S1SP solution and that the migration solution capability works and is scalable up to a daily volume of 50,000 installations. Through IOC, MDS and MOC migrations, it has demonstrated the ability to successful migrate installations, many of which are now operating on DCC's network.</p>
4	Regression Testing has completed successfully for SMETS1 and SMETS2 Live Systems	N/A	There will be no SMETS1 or SMETS2 regression testing conducted as part of DMCT for any tranche, as DMCT is focused on devices rather than code.
5	Relevant testing for relevant EPCL entry(ies) has completed	G	Annex A sets out the relevant testing for the requested EPCL entries
6	Pre-existing services remain stable for SMETS2 and SMETS1 prior operating capabilities	G	<p>Pre-existing services remain stable for SMETS2 and SMETS1 prior operating capabilities</p> <p>DCC has in excess of 14 million meters on the DCC Systems, which includes both migrated SMETS1 devices and SMETS2 installations. DCC is successfully operating all of these devices whilst continuing to migrate SMETS1 installations and commissioning new SMETS2 installations onto the DCC System. To date no SMETS2 incidents have impacted SMETS1 Migrations or Services and no SMETS1 incidents have impacted SMETS2 Services.</p> <p>Rationale:</p> <p>Following the implementation of MOC Secure, DCC has not observed any detrimental impact on its network or services as a result of MOC Secure, MDS or IOC migrations or service operations. DCC has migrated over 500,000 meters / 340,000 installations for MOC Secure and overall migration activity has continued in line with forecast</p>

#	Live Service Criteria	RAG Status	Commentary
			volumes and expected performance levels, with Pre-existing services remain stable for SMETS2 and prior SMETS1 operating capabilities.
7	Any lessons learnt from prior operating capabilities are incorporated in to live process	G	Having successfully migrated devices into the DCC System, DCC has learnt valuable lessons that it will apply when migrating the new DMCs.
8	No detrimental impact to consumers experience expected	G	Based on the experience of live migrations and early life support to date, DCC does not consider that there is a material risk of negative impact to consumers' experience.
9	Assurance of required Business Continuity/Disaster Recovery	G	Secure successfully completed a failover and failback of their systems in September 2021 and DCC is satisfied with the testing that has been conducted with MOC and believes the solution is resilient.
10	Completion of relevant security testing and approval of security architecture	G	The EPCL entry in this submission was given offline approval from SSC on 12 October 2021. SSC confirmed that there are no apparent new security risks to prevent these devices being added to the EPCL.

3. Confirmation of DCC Information

A handwritten signature in black ink, appearing to read 'Gav Parrott', with a long horizontal stroke extending to the right.

Gav Parrott

Director of Products & Logistics

List of Annexes

Annex A - EPCL entries Requested for Eligible Product Combination List

Annex B - Final DMCT Testing Reports for proposed EPCL entries

Annex C - Latest DCC Pacing Strategy

Annex D - Mapping to Clause 20 of the SVTAD

Annex E - DCC Guidance Note: Child DMCs and Substantive Equivalence

Annex A – EPCL entries Requested for Eligible Product Combination List

The file 'EPCL Report 20 – Annex A - EPCL Entries' details the entries that the DCC is requesting to make to the list of Eligible Product Combinations.

The file can be found on the DCC Website, [here](#)

Annex B – Final DMCT Testing Reports for proposed EPCL entries

Titles and dates of Testing reports are listed with each requested EPCL entry in Annex A.

Where requested EPCL entries are being added via Substantive Equivalence (see Annex E), no testing of the DMCs corresponding to the requested EPCL entries has been performed. This is in accordance with SVTAD Appendix AK, Clause 20.6 (d) (i).

Link to Reports:

This report is available on the DCC external SharePoint, accessible to SEC Parties who have requested access. To request access please contact DCC Enrolment and Adoption Enrolment.adoption@smartdcc.co.uk.

Annex C – Latest DCC Pacing Strategy

Pacing strategy not required for Mixed installations as this is driven and led by the Supplier not DCC.

Annex D – Mapping to Clause 20 of the SVTAD

As described in Appendix D, for the following proposed Mixed EPCL entry 001183, DCC has tested the Dormant entry in DMCT. In line with SVTAD Appendix AK, Clause 20.9, DCC has chosen not to additionally test the entry for this DMC in respect of SMETS1 Installations that comprise both Dormant and Active Meters as it considers that the testing in respect of this entry containing only Dormant Meters suffices.

DCC believes the Dormant test pack covers the full scope of Active and Mixed testing required in DMCT. Additionally, DCC believes SIT evidence for an Active DMC is sufficient to have proven the migration steps specific to an Active migration and the SIT evidence for a Mixed DMC is sufficient to have proven the migration steps specific to a Mixed migration. Therefore, the combined Dormant DMCT and Active SIT evidence or Mixed SIT test evidence is sufficient for DCC to propose addition of Active or Mixed EPCL entries for respective DMCs.

In line with SVTAD Appendix AK, Clause 20.41, within Annex A for respective Mixed EPCL entries, DCC has referenced the Dormant DMCT Test Completion Report and Mixed SIT Test Completion Report.

DCC is required to publish the DMCT Status List and the DMCT Schedule in terms of Clause 20.8 and Clause 20.10 of SEC Appendix AK 'SEC Variation Testing Approach Document for SMETS1 Services' (SMETS1 SVTAD) on the DCC website. DCC is further required to publish a list of exclusions from the DMCT Schedule in terms of Clause 20.11 of the SMETS1 SVTAD.

Pursuant to these obligations, DCC has published the associated Schedules and Lists [here](#) and provided to SECAS for publication on the SEC website [here](#) on the following dates:

- For MOC Secure on 02 June 2021

Relevant Suppliers who included in their RFI submissions the DMCs included within this report were notified that the DMCs included in this report are requested to be added to EPCL under SVTAD Appendix AK, Clause 20.6 (d) (i).

For MOC Secure, notification was via DCC Mass Comms email on 01 June 2021 titled 'REQ000000180476 - SMETS1 IOC & MDS v10.0 and MOC Secure v9.0 - DMCT Status List and DMCT Schedule published on DCC Website - 28th May 2021 -REQ000000180476'.

The comms notified those relevant Suppliers of the publication on the DCC Website of MOC Secure versions of 'DMCT Status List & Excluded from DMCT Schedule' which includes entries for the DMCs included in this report, with reason for exclusion from DMCT Schedule on the basis of Substantive Equivalence and rationale (see Annex E).

Pursuant to obligations set out under SVTAD Appendix AK, Clause 20.43 The DCC has published this DMCT EPCL Report on the DCC Website ([here](#)) and has notified the Panel, the Secretary of State, the Authority and SEC Parties of the publication of the report.

Annex E – DCC Guidance Note: Child DMCs and Substantive Equivalence

(Full Guidance Note is published on DCC Website, [here](#)).