

Consultation on the proposed changes to the SEC Subsidiary Documents that define DCC's service for SMETS1 devices

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Classification: DCC Controlled

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1 Introduction

In November 2017, DCC issued a consultation on amendments of a first tranche of SEC Subsidiary Documents (SSDs) that, in conjunction with amendments to the main sections of the SEC, will define the User impacting elements of DCC's SMETS1 Services. The findings and conclusions of this consultation were shared with industry at the TBDG Enrolment and Adoption (TBDG) Sub-Group in February 2018, and they were added to the design baseline. The first tranche of SMETS1 specific changes were made against the following SSDs:

- Service Request Processing Document (SRPD);
- DCC User Interface Specification (DUIS);
- Message Mapping Catalogue (MMC);
- Inventory Enrolment and Withdrawal Procedure (IEWP);
- Organisation Certificate Policy (OCP);
- SMKI Interface Design Specification (SMKI IDS);
- CPL Requirements Document (CPL); and
- SMETS 1 Supporting Requirements (S1SR) - a new SSD documenting the requirements in relation to SMETS1 Devices.

Further to this initial tranche of amendments, DCC is proposing additional amendments to the following SSDs:

- Incident Management Policy (IMP); and
- Self-Service Interface Design Specification (SSI DS);

These comprise the second tranche of documents (Tranche 2) that will need to be added to the SMETS1 design baseline. This consultation document provides a high-level overview of the changes that are being proposed to the Tranche 2 SSDs. Both of these SSDs were presented to the TBDG Sub-Group in draft form in April 2018 to provide industry the opportunity to review and comment on the proposed drafting prior to this consultation.

The attachments to this document set out the modifications (in red-line mark-up) to the aforementioned SSDs.

It should be noted that this consultation should be reviewed in conjunction with BEIS' recent consultation¹ on the SEC and licence changes that are required to enable provision of a SMETS1 Service by the DCC. This included a number of proposed changes to sections H8 and H9 of the SEC, which contain provisions relating to service management.

2 High-level summary of proposed amendments

A high-level overview of the proposed amendments to Tranche 2 SSDs is provided below to assist consultation respondents in their review. Whilst the sections below outline changes to

¹ BEIS consultation on SEC changes to enable the provision of a SMETS1 service by the DCC – consultation launched on 27 March 2018 and closed on 26 April 2018.

the drafting, the red-line mark-up versions of the SSDs identify all changes made to the documents.

2.1 Incident Management Policy

The key changes to the IMP that are being proposed are:

Areas of change	Rationale for change	Key affected section
Incident Parties other than Registration Data Providers	To reflect that the responsibility for the Communications Hub for SMETS1 sits with the lead energy supplier, as opposed to the DCC	2.1.3
Incident Assignment	To impose an obligation on the DCC to provide relevant supporting information when assigning an Incident to an Incident Party. To aid diagnosis of issues with SMETS1 meters and Communications Hubs, where appropriate, this may include information available to the S1SP.	2.5.6
BCDR General Provisions	To impose an obligation on the DCC to publish any information that is reasonably required in respect of affected Services in the event of a disaster to enable Service Users to determine the impact of the disaster.	5.1.9
Disaster Recovery	Changes are proposed to reflect Disaster Recovery scenarios due to the additional infrastructure and interfaces in the DCC to support SMETS1: <ul style="list-style-type: none"> ▪ SMETS1 applicability for each of the disaster recovery scenarios; ▪ Additional scenarios for when either one or both data centres for an S1SP are unavailable; ▪ Additional scenario for when the S1SP SMWAN Gateway goes down; 	5.2

Areas of change	Rationale for change	Key affected section
	<ul style="list-style-type: none"> Additional scenario for when either one or both DCO data centres are unavailable. <p>The mitigating actions proposed for the DCC are set out for each scenario along with the actions required of both DCC and Users should the scenario occur. It should be noted that User actions listed differ from those for a SMETS2+ disaster, as loss of a S1SP would be a partial failure, SRs for other S1SPs may continue to be processed.</p>	

DCC is seeking responses to the following question in light of the draft changes to the IMP.

Q1	Do you have any comments on the proposed changes to the IMP? Please provide a rationale for your views.
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2.2 Self-Service Interface Design Specification (SSI DS)

The changes to the SSI DS that are being proposed are:

Areas of change	Rationale for change	Key affected section
General	<ul style="list-style-type: none"> To reflect that where any fields are found to be invalid, DCC shall ensure that validation errors messages and suggestions for resolution provided; To reflect the services, or values/fields within it, that do not apply for SMETS1 e.g. where DCC has no responsibility over CHs for SMETS1 or in cases of direct references to GBCS; To reflect additional value of 'SMETS1' for where 'CSP Region' is provided as an output for a service. 	1; 1.10.3 – 5; 1.10.7 – 8; 1.10.10; 1.10.14.

Areas of change	Rationale for change	Key affected section
Smart Metering Inventory	To allow the 'S1SP' to be retrieved from the Inventory service.	1.10.3
SM WAN Network Coverage	To reflect that SMWAN Coverage service will not be available for SMETS1 Devices.	1.10.6

DCC is seeking responses to the following questions in light of the draft changes to the SSI DS.

Q2

Do you have any comments on the proposed changes to the SSI DS? Please provide a rationale for your views.

3 Open Issues and Ongoing Activities

During DCC's engagement with industry as Tranche 2 SSDs were being developed, some stakeholders had expressed concerns around the lack of clarity on a number of functional requirements within certain areas of the SMETS1 design. Whilst recognising these concerns, DCC notes that these outstanding issues are either dependent on ongoing commercial negotiations with DCC's prospective service providers for the SMETS1 Service, or subject to further impact assessments or consultation on the main body SEC changes for SMETS1. DCC is committed to share the progress that is being made in respect of each of these areas as these dependencies are met.

It should be further noted that DCC (in liaison with its customers and BEIS) continues to develop documentation that will seek to set out testing². The detailed technical and procedural requirements of the migration approach for SMETS1 are set out in the Transition and Migration Approach Document (TMAD), which was issued for a 4-week consultation on 3 May 2018.

4 Next Steps

Following this consultation, the Tranche 2 SSDs will be reviewed in light of the comments that are received, and updated where appropriate. The documents are expected to be baselined via the Technical Business Design Group (TBDG) in June 2018, before being submitted to the Secretary of State to be re-designated pursuant to Condition 22 of the DCC Licence and Section X5 of the SEC.

² Testing arrangements will be described through the SEC Variation Testing Approach Document (SVTAD) and the relevant testing approach documents i.e. System Integration Testing Approach Document (SITAD), User Testing Services Approach Document (UTSAD), Transfer to Operations Approach Document (TTOAD), Migration Testing Approach Document (MTAD), Enduring Test Arrangements Document (ETAD) and Common Test Scenarios Document (CTSD). The SVTAD was consulted on in November 2017, and is expected to be designated in due course; consultations on SITAD and UTSAD are scheduled in quarter 1, 2018.

5 Questions for consultation respondents

DCC is seeking views on the following questions regarding the proposed SMETS1 changes to the SEC Subsidiary Documents.

Consultation Questions	
Q1	Do you have any comments on the proposed changes to the IMP? Please provide a rationale for your views.
Q2	Do you have any comments on the proposed changes to the SSI DS? Please provide a rationale for your views.
Q3	Do you have any other comments on the proposed changes to the SSDs? Are you aware of any others issues, relating to the SSDs that should be addressed and considered?

6 How to Respond

Please provide responses in the attached template by 4 June 2018 to DCC at contact@smartdcc.co.uk.

Consultation responses may be published on our website www.smartdcc.co.uk. Please state clearly in writing whether you want all or any part, of your consultation to be treated as confidential. It would be helpful if you could explain to us why you regard the information you have provided as confidential. Please note that responses in their entirety (including any text marked confidential) may be made available to the Department of Business, Energy and Industrial Strategy (BEIS) and the Gas and Electricity Markets Authority (the Authority). Information provided to BEIS [or the Authority], including personal information, may be subject to publication or disclosure in accordance with the access to information legislation (primarily the Freedom of Information Act 2000, the Data Protection Act 1998 and the Environmental Information Regulations 2004). If BEIS [or the Authority] receive a request for disclosure of the information [we/they] will take full account of your explanation (to the extent provided to them), but [we/they] cannot give an assurance that confidentiality can be maintained in all circumstances. An automatic confidentiality disclaimer generated by your IT system will not, of itself, be regarded by us as a confidentiality request.

If you have any questions about the consultation documents, please contact contact@smartdcc.co.uk. If you have questions about our approach to consultations, please contact arno.vandeneynde@smartdcc.co.uk.

7 Attachments

- Attachment 1 – Incident Management Policy (IMP)
- Attachment 2 – Self-Service Interface Design Specification (SSI DS); and
- Attachment 3 – Consultation Response Form

