

## **SECTION F – SMART METERING SYSTEM REQUIREMENTS**

### **F2 CENTRAL PRODUCTS LIST**

#### **Central Products List**

F2.1 The Panel shall establish and maintain a list (the "**Central Products List**") of:

- (a) the SMETS2+ Device Models for which the Panel has received all the Assurance Certificates required for the Physical Device Type relevant to that Device Model (known as the Certified Products List); and
- (b) in the case of SMETS1 Device Models, those Device Models for which the Panel has received all the information required in accordance with the CPL Requirements Document (which does not require any certification of SMETS1 Devices under the CPA or any other assurance scheme).

F2.2 The Panel shall ensure that the Central Products List identifies the Data required in accordance with the CPL Requirements Document, and that the Central Products List is updated to add and remove Device Models in accordance with the CPL Requirements Document (including as described in Section F2.7A).

F2.2A Where a Party disagrees with any decision of the Panel to add, remove, not remove, reinstate, or not reinstate a SMETS1 Device Model to or from the Central Products List, that Party may refer the matter to the Authority for its determination, which shall be final and binding for the purposes of this Code.

#### **Background to Assurance Certificates**

F2.2B For SMETS1 Device Models, there are no required Assurance Certificates for any of the Physical Device Types.

F2.3 The Technical Specification relevant to the Physical Device Type sets out which Physical Device Types require Assurance Certificates from one or more of the following persons (each being an "**Assurance Certification Body**"):

- (a) the ZigBee Alliance;
- (b) the DLMS User Association; and

(c) NCSC.

F2.4 The following Assurance Certification Bodies issue the following certificates in respect of Device Models of the relevant Physical Device Types (each being, as further described in the applicable Technical Specification, an “**Assurance Certificate**”):

- (a) the ZigBee Alliance issues certificates which contain the ZigBee certified logo and interoperability icons;
- (b) the DLMS User Association issues certificates which include the conformance tested service mark (“**DLMS Certificates**”); and
- (c) NCSC issues commercial product assurance scheme certificates (“**CPA Certificates**”).

F2.5 An Assurance Certificate will not be valid unless it expressly identifies the Device Model(s) and the relevant Physical Device Type to which it applies. An Assurance Certificate will not be valid if it specifies an expiry date that falls more than 6 years after its issue.

#### **Expiry of CPA Certificates**

F2.6 As CPA Certificates will contain an expiry date, the following Parties shall ensure that a replacement CPA Certificate is issued in respect of Device Models for the following Physical Device Types before the expiry of such CPA Certificate (to the extent Device Models of the relevant Physical Device Type require CPA Certificates in accordance with the applicable Technical Specification):

- (a) the DCC for Communications Hubs; and
- (b) the Import Supplier and/or Gas Supplier (as applicable) for Device Models of all other Physical Device Types.

F2.7 The Panel shall notify the Parties on or around the dates occurring 12 and 6 months prior to the date on which the CPA Certificate for any Device Model is due to expire. The Panel shall also provide to the Parties any notice concerning CPA Certificates which the NCSC asks the Panel to provide to the Parties.

## **Consequence of Expiry, Withdrawal or Cancellation of Assurance Certificates**

F2.7A Where:

- (a) a CPA Certificate for a Device Model expires or is withdrawn or cancelled by the NCSC, then the Security Sub-Committee shall determine whether to remove that Device Model from the Central Products List in accordance with the CPL Requirements Document, which may provide for a CPA Certificate Remedial Plan to be imposed;
- (b) any other type of Assurance Certificate for a Device Model is withdrawn or cancelled by the Assurance Certification Body that issued the certificate, then the Panel shall remove that Device Model from the Central Products List.

F2.7B Where a Party disagrees with any decision of the Security Sub-Committee made in accordance with the CPL Requirements Document:

- (a) to remove or not remove a Device Model from the Central Products List;
- (b) to not approve the Party's CPA Certificate Remedial Plan (where the Security Sub-Committee has determined that a CPA Certificate Remedial Plan is to be imposed on the Party),

that Party may refer the matter to the Authority for its determination, which shall be final and binding for the purposes of this Code.

## **Publication and Use by the DCC**

F2.8 Subject to the requirements of the CPL Requirements Document, the Panel shall (within one Working Day after being required to add or remove Device Models to or from the Central Products List in accordance with the CPL Requirements Document):

- (a) provide the updated Central Products List to the DCC (by way of an extract containing such subset of the information contained within the Central Products List as the DCC reasonably requires from time to time);
- (b) publish a copy of the updated Central Products List on the Website; and

(c) notify the Parties that the Central Products List has been updated.

F2.9 Subject to the requirements of the CPL Requirements Document, the DCC shall, from time to time, use and rely upon the Central Products List most recently received by the DCC from the Panel at that time, provided that the DCC shall be allowed up to 24 hours from receipt to make any modifications to the Smart Metering Inventory that are necessary to reflect the updated Central Products List.

### **Deployed Products List**

F2.10 The DCC shall create, keep reasonably up-to-date and provide to the Panel (and the Panel shall publish on the Website) a list (the "**Deployed Products List**") of all the combinations of different Device Models that comprise a Smart Metering System (together with Associated Type 2 Devices) that exist from time to time (to the extent recorded by the Smart Metering Inventory).

### **SMETS1 Lists**

F2.10A The DCC shall create, keep up-to-date and provide to the Panel (and the Panel shall publish on the Website) lists of:

- (a) each combination of SMETS1 Device Models and communication services provider in relation to which the DCC has demonstrated through testing (which may include testing of a different combination that the DCC considers to be substantively equivalent) that it is able to successfully process SMETS1 Service Requests and relevant SMETS1 Alerts (the "**SMETS1 Eligible Product Combinations**"), including the date on which each entry was first added to the list; and
- (b) each combination of SMETS1 Device Models and communication services provider) in relation to which the DCC is at that time:
  - (i) considering whether testing or development is required to demonstrate the capability; or
  - (ii) developing and/or testing the capability,

to successfully process SMETS1 Service Requests and relevant SMETS1 Alerts (the "**SMETS1 Pending Product Combinations**"), provided that the DCC shall not add a Device Model combination to the SMETS1 Pending Product Combinations where the relevant Testing Participant has indicated pursuant to clause 9 (SMETS1 Pending Product Combinations Tests) of the Enduring Testing Approach Document that such information should be treated as confidential.

F2.10B The obligation of the DCC under Section F2.10A(a) shall only apply once the DCC is first permitted under the Transition and Migration Approach Document to add a combination of Device Models to the SMETS1 Eligible Product Combinations.

### **Technical Specification Compatibility**

F2.11 The Panel shall create, keep reasonably up-to-date and publish on the Website a matrix specifying:

- (a) which Versions of each Technical Specification are compatible with which Versions of the other Technical Specification; and
- (b) which Versions of each part(s) of the SMETS are compatible with which Versions of each other part(s) of the SMETS.

F2.12 For the purposes of Section F2.11:

- (a) 'compatible' means:
  - (i) in respect of a Version of one Technical Specification, that Devices or apparatus which comply with that Version are designed to inter-operate with Devices or apparatus that comply with the specified Version of the other Technical Specification; and
  - (ii) in respect of a Version of one part(s) of the SMETS, that Devices or apparatus which comply with that Version are designed to inter-operate with Devices or apparatus that comply with the specified Version of each of the other part(s) of the SMETS;
- (b) each reference to a Version of a Technical Specification shall be read as being

to that Version taken together with any relevant Version of the GB Companion Specification (as identified in the TS Applicability Tables), so that if there is more than one relevant Version of the GB Companion Specification for any Version of a Technical Specification, the matrix shall make separate provision for each of them;

(c) a 'part(s) of the SMETS' means each of the following:

- (i) the part(s) identified in the SMETS as applying to 'Electricity Smart Metering Equipment';
- (ii) the part(s) identified in the SMETS as applying to 'Gas Smart Metering Equipment';
- (iii) the PPMID Technical Specification;
- (iv) the HCALCS Technical Specification; ~~and~~
- (v) the IHD Technical Specification; and
- ~~(v)~~(vi) the SAPC Technical Specification; and

(d) the matrix need not specify:

- (i) which Versions of the part(s) of the SMETS identified as applying to 'Electricity Smart Metering Equipment' are compatible with which Versions of the part(s) of the SMETS identified as applying to 'Gas Smart Metering Equipment'; and
- (ii) which Versions of the part(s) of the SMETS identified as applying to 'Gas Smart Metering Equipment' are compatible with which Versions of:
  - (A) the part(s) of the SMETS identified as applying to 'Electricity Smart Metering Equipment'; ~~or~~
  - (B) the HCALCS Technical Specification; or
  - ~~(B)~~(C) the SAPC Technical Specification.

F2.13 The Panel shall, as soon as reasonably practicable after it makes a change to such matrix, notify all the Parties that a change has been made.

### **Firmware Information Repository**

F2.14 The Panel shall establish and maintain a list of firmware releases, updates, and corresponding Manufacturer contact details (the “**Firmware Information Repository**”) .

F2.15 The Panel shall ensure that the Firmware Information Repository contains a minimum of three fields:

- (a) A number which uniquely identifies a record on the Central Products List, which is a mandatory field;
- (b) Manufacturer contact details, which is a mandatory field, to include email address, telephone number and business address; and
- (c) A free text field for release notes that Manufacturers can record against, which is a mandatory field for completion but the content is at the discretion of the Manufacturers.

F2.16 The Firmware Information Repository will be updated alongside the Central Products List, with the number which uniquely identifies a record on the Central Products List providing a cross reference.

F2.17 The Party or any other person submitting Device details for addition to the Central Products List shall also supply the details listed in F2.15 for the same Device.

**F11 ALCS/HCALCS/APC/SAPC LABELS LIST**

**ALCS/HCALCS/APC/SAPC Labels List**

- F11.1 The Panel will establish and maintain a list of ALCS/HCALCS/APC/SAPC labels which provide a standardised naming convention for all possible ALCS, ~~\_\_and~~ HCALCS, APCs and SAPCs (the "ALCS/HCALCS/APC/SAPC Labels List").
- F11.2 The Panel will agree updates to the ALCS/HCALCS/APC/SAPC Labels List as proposed by Parties.
- F11.3 Within one working day after the ALCS/HCALCS/APC/SAPC Labels List is updated, the Panel will:
- (a) ~~Publish-publish~~ a copy of the updated list on the website; and
  - (b) ~~Notify-notify~~ the Parties that the list has been updated.