

SMETS1 Supporting Requirements (S1SR) – Release Note

Version 0009: Release Note

9 August 2018

Release Note

This release note accompanies, but does not form part of, SMETS1 Supporting Requirements 0009 (S1SR) It lists the principal changes and updates to S1SR.

Summary of main changes

SECTION	Section Heading	Specific Change Point
Throughout		Replaced "Certified Products List" with "Central Products List" to align with Defined Terms
1. Introduction		No changes made
2. Defined Terms		No changes made
3. Device IDs		No changes made
4. User IDs in Service Requests		No changes made
4. User IDs in Service Requests		
	4.1	<p>The following changes were identified as document defect fixes:</p> <p>Carve out for CHF, for which there are no Notified Critical Supplier IDs or Notified Critical Network Operator IDs required, but which may be the target of a Critical Service Request</p> <p>Added obligation for Users to also sign XML using credentials associated with its Notified Critical Supplier ID or Notified Critical Network Operator ID – this addresses an SSC concern that Critical Service Requests were not treated differently to Non-Critical Service Requests in this regard.</p> <p>Added text to clarify that, in the case of a Critical Service Request that targets a CHF, a User must use the Notified Critical Supplier ID or Notified Critical Network Operator ID and also sign using credentials associated with the Notified Critical Supplier ID or Notified Critical Network Operator ID for the ESME associated with the CHF. This is because no such notified details are stored in relation to the CHF, but there are checks that rely on comparing the values in the Service Request to some stored value.</p>
	4.2	<p>The following changes were identified as document defect fixes:</p> <p>Added obligation for S1SP to confirm that the User ID in a Critical Service Request targeted at a CHF is the Notified Critical Supplier ID or Notified Critical Network Operator ID associated with the ESME, as previous wording required the check to be carried out against the details associated with the target Device, but no such details stored in relation to a CHF.</p>

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		Added obligation for S1SP to confirm that the User ID in a 'Top Up Device' or Critical Service Request is the same as the EID in the Certificate used to check the Digital Signature on the Service Request – this addresses an SSC concern that Critical Service Requests were not treated differently to Non-Critical Service Requests in this regard.
	8.2	<p>The following changes were identified as document defect fixes:</p> <p>Deleted '0x' prefix from two GBCSHexAlertCode / LogCode entries in the table to be consistent with other entries</p>
	9.1(c)	<p>The following changes were identified as document defect fixes:</p> <p>Corrected GBCSHexadecimalMessageCode entries against SRV 1.6, which were previously out of order</p> <p>Added GBCSHexadecimalMessageCode for SRV 6.27, which was missing</p>
	12.1(a)	<p>The following changes were identified as document defect fixes:</p> <p>Added carve out for 'Request Handover of DCC Controlled Device', which is subject to anti-Replay checks but cannot contain a User ID that is a Notified Critical Supplier ID or Notified Critical Network Operator ID, since these are as a result of processing of that Service Request</p> <p>Added clarification that the User ID in a Service Request that is subject to anti-Replay checks and is targeted at a CHF must match the Notified Critical Supplier ID of the associated ESME.</p>
	17	New provisions added to describe the governance arrangements and the relation of S1SR to specific Device Models.
	17.12	The following changes were identified as document defect fixes:

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		Corrected names of TimeDebtRegister1 and TimeDebtRegister2
	17.34	The following changes were identified as document defect fixes: Corrected cross reference
	17.36	The following changes were identified as document defect fixes: Corrected cross reference Added obligation to set the Execution Counter for 'Request Handover of DCC Controlled Device' to a very high value, as there is a possibility that an 'Update Security Credentials (CoS)' Service Request may be executed before the 'Request Handover of DCC Controlled Device' can be sent (if a Meter churns shortly after Enrolment).
	17.40	The following changes were identified as document defect fixes: Corrected cross reference
	17.58	The following changes were identified as document defect fixes from the Device Issues Resolution Forum (DIRF): Added this clause to enable S1SPs to respond to a 'Synchronise Clock' and 'Commission Device' Service Requests where Devices do not behave in a manner consistent with SMETS2/ CHTS/ GBCS1
a	17.59	The following changes were identified as document defect fixes from the Device Issues Resolution Forum (DIRF): Added this clause to enable S1SPs to respond to a 'Synchronise Clock' and 'Commission Device' Service Requests where Devices do not behave in a manner consistent with SMETS2/ CHTS/ GBCS1
Amending of introduction of Section 17 "Processing SMETS1 Service Requests" to: <ul style="list-style-type: none"> ▪ specify that different requirements and device functionality specified in this section apply to all SMETS1 Devices of the relevant Device Types; and ▪ the different requirements and device functionality specified in Clause 18 (see below) shall apply only to SMETS1 Devices for the IOC Cohort. 		
New Section 18 'Processing SMETS1 Service Requests – Device specific behaviour' to accommodate device specific behaviours for the IOC cohort.		

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		<p>Where this section contains references to [DN] it means that whilst the device behaviour is understood, detail about the implementation or effects of that behaviour are still to be fully determined.</p> <p>It should be noted that DCC will continue to analyse the devices in the IOC cohort and there may be additional Device Specific Behaviour Updates to follow.</p> <p>It should further be noted that for other releases (MOC, FOC) additional Device Specific Behaviours may need to be added to S1SR.</p>