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Paper Reference:	**SECP_67_1204_05**
Action:	**For Decision**

SMETS1 Services Initial Operating Capability SIT Completion Decision

1. Purpose

This paper provides details of the Testing Advisory Group's (TAG) considerations, and associated recommendations, regarding the completion of the SMETS1 Services Initial Operating Capability (IOC) System Integration Testing (SIT) and whether the exit criteria for the test phase have been met.

The paper provides an update to SECP_66_1503_04. The Panel agreed with the TAG's updated recommendation that SIT had not been completed as specific items remained outstanding.

Subject to the Panel's consideration of the TAG's recommendations and observations, the Secretary of State will be notified by letter of the Panel's decision on IOC SIT Completion and any supporting views and observations.

2. Executive summary of recommendation to the Panel

The TAG met on 27 March and 4 April 2019. The TAG considered that the exit criteria for IOC SIT had been met at the meeting on 4 April 2019.

3. Previously Remaining Actions

SECP_66_1503_04 reported that TAG considered three items remained open which led to the TAG's recommendation in March that SIT was not complete. Each has been addressed as set out below. The TAG considered that all other exit criteria had been met.

3.1 Replace SMETS1 GSME with SMETS2 GSME

SECP_66 position: The DCC had not conducted testing to demonstrate that a SMETS1 installation could be decommissioned and replaced with a SMETS2 installation.

Update: The DCC has tested the ability to replace a SMETS1 installation with a SMETS2 installation using emulators and subsequently replacing a SMETS1 installation with a SMETS2 installation using real Devices (comprising a Release 1.x Comms Hub and SMETS2v2 ESME, GSME & PPMID).

Conclusion: The TAG considered this action was resolved at the meeting on 4 April 2019. The evidence is provided from page 126 of Appendix A.

3.2 Regression testing DUISv3 and new Parse & Correlate

Initial position: The DCC had conducted a significant amount of regression testing but considered that the failure to prove that SMETS2 Devices could be operated via the DUISv3 interface and related version of Parse and Correlate was a critical omission.

Update: The DCC has conducted regression testing using DUISv3 and the new version of Parse & Correlate using device emulators, as agreed with TAG.

Conclusion: The TAG considered this action was resolved at the meeting on 4 April 2019. The evidence is provided from page 130 of Appendix A.

3.3 Concessions and Test Traceability

Initial position: TAG noted that BEIS had initiated a consultation on altering the Testing Baseline Requirements Document (TBRD)[1] on the day of the TAG meeting on 6 March, which contributed to the TAG's recommendation that the DCC should confirm that the updated TBRD justified each of the 121 concessions and that the changes did not require any additional tests to be run.

Update: The DCC provided the analysis of the concessions at the TAG meeting on 27 March 2019.

Conclusion: The TAG considered this action was resolved at the meeting on 27 March 2019. The evidence is provided from page 105 of Appendix A.

4. Conclusion

The TAG considers that resolution of these items means that the IOC SIT exit criteria have been met.

5. Recommendations

The Panel is requested to:

- **AGREE** that the IOC SIT exit criteria have been met and that IOC SIT is complete.

Phillip Twiddy

SECAS Team

5 April 2019

Attachments:

- Appendix A: SMETS1 IOC SIT Phase Completion Recommendation Report (**AMBER**)

[1] The change puts out of scope the ability to replace a SMETS1 GSME with a replacement SMETS1 GSME, which will now not be available until later in 2019.