SMETS1 MT-SIT Alignment Consultation Briefing

Thursday 29 August 2019 0930 - 1130

Agenda

1. **Introduction / Objectives**
2. **Changes in SMETS1 SVTAD**
3. **Changes in MTAD**
4. **Questions**

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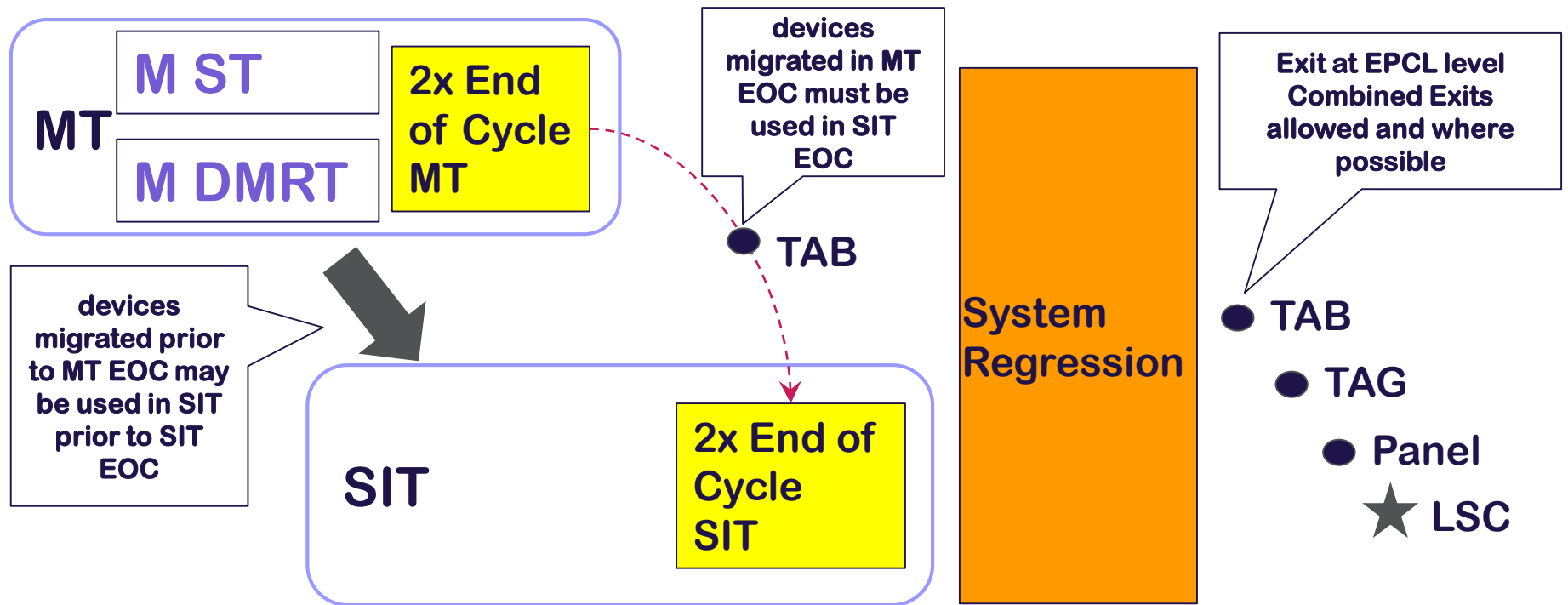# 1. INTRODUCTION / OBJECTIVES

DCC SMETS1 MT-SIT Alignment Consultation Briefing

- **This briefing complements the MT-SIT Alignment consultation.**
  - **Consultation issued on 9 August 2019.**
  - **Documents available via [DCC Website](#).**
  - **Consultation closes at 16:00 on Friday 6 September 2019.**

- **The initial MTAD was focused on the Migration Testing (MT) approach for IOC with Systems Integration Testing (SIT) entirely distinct.**

- **This consultation proposes changes for MOC and FOC to provide alignment of MT and SIT.**

Objectives

- **The purpose of this briefing is to highlight the changes to deliver MT-SIT alignment.**
  - **MTAD V1.2**
  - **SMETS1 SVTAD V1.4**

- **We will be presenting the key changes to the document and not presenting these documents in their entirety.**

- **Supports the Industry in their understanding of the proposals so that SEC parties can provide informed feedback by 6 September 2019.**

- **Scope for stakeholders to ask any questions.**

- **DCC has identified elements of the MTAD and SMETS1 SVTAD that require further change and these elements are also flagged.**

Overall approach to MT-SIT alignment

MT
- **M ST**
- **M DMRT**
- **2x End of Cycle MT** (highlighted)

devices migrated in MT EOC must be used in SIT EOC

● **TAB**

devices migrated prior to MT EOC may be used in SIT prior to SIT EOC

SIT
- **2x End of Cycle SIT** (highlighted)

System Regression

Exit at EPCL level Combined Exits allowed and where possible

● **TAB**

● **TAG**

● **Panel**

★ **LSC**

Entry / Exit aligned to planned entry on the list of SMETS1 Eligible Product Combinations – this means Active, Dormant and Mixed per DMC.
NB framework provides flexibility to execute SIT and MT in parallel.

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External Audit Removed

- **DCC proposes the removal of requirement to procure an external audit.**
    - **Clause 12 of the MTAD removed.**
    - **Clause 19 of the SMETS1 SVTAD removed.**

- **Not considered an economically efficient use of resources.**

- **Increasing TAG engagement via Depth and Breadth documents reduces need for external audit.**

- **Auditor considered to provide limited assurance.**

2. Changes in MTAD v1.2

Key Changes to the MTAD

- **Removal of requirement to procure an external audit for SIT (Clause 12 of the MTAD removed).**

- **Combined approach to regression testing for MT and SIT (Clause 7 of the MTAD).**

- **DMC selection approach for SIT in SMETS1 SVTAD now also covers MT (Clause 4.2 of the MTAD).**

- **Scope to provide for combined MT and SIT completion (Clause 10.2 of the MTAD).**

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MTAD changes since consultation issued (1)

- New Clause 5.7 to be removed as security features related to key rotation already covered by TMAD steps in Clause 5.5 of the MTAD.

5.7   ~~When undertaking Migration ST in FOC, the DCC shall test the security features introduced by the firmware as detailed in the Depth and Breadth of MT document.~~

5.5   When undertaking Migration ST, the DCC shall test the DCC Systems and the systems of the relevant SMETS1 SMSO used to undertake the following checks and processing, for each GroupID applicable to the relevant Capability Release, described in the TMAD as:

(a)   'Installing a SMETS1 Electricity Meter';

(b)   'Installing a SMETS1 GSME'; and

(c)   'Securing a SMETS1 ESME'.

MTAD changes since consultation issued (2)

- **New Clauses 6.3 (b) and 6.3 (c) in the MTAD replaced with a simplified approach.**

- **The detail description of Migration DMRT for MOC and FOC will be captured in the Depth and Breadth of MT documents presented to TAG.**

- **Provides TAG and DCC flexibility to agree the appropriate approach without a further MTAD consultation.**

(b) for MOC and FOC the DCC shall include testing for Migration DMRT as described in the relevant Depth and Breadth of MT document produced pursuant to Clause 8.3 of this MTAD.

3. Changes in SMETS1 SVTAD v1.4

Key Changes to the SMETS1 SVTAD

- Removal of requirement to procure an external audit for SIT (Clause 19 of the SMETS1 SVTAD removed).

- SIT Test Phase aligned to MT to be on the basis of planned entry on the EPCL to provide DCC with flexibility to expedite entries on the EPCL (various changes to the SMETS1 SVTAD).

- Depth and Breath of SIT document to align to approach for MT (Clause 12 of the SMETS SVTAD).

- SIT Test Phase testing issues threshold aligned to two part aggregate limit as per each MT Test Phase (Clause 13 of the SMETS1 SVTAD).

- Combined approach to regression testing for MT and SIT (Clause 7 of the SMETS1 SVTAD).

- Scope to provide for combined MT and SIT completion (Clause 9.7 of the SMETS1 SVTAD).

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SMETS1 SVTAD Changes since consultation issued

- **New Clause 13.11 removed as doesn't reflect intent for device selection.**

- **This matters only related to DMC selection for FOC and covers the scope for the SMETS1 ESME firmware to change during testing.**

- **The alternative approach to DMC selection will be captured separately with the DMC selection consultation that will be issued shortly by DCC.**

13.11   ~~Where a DMC has been de-selected during a Test Phase, and a new DMC is proposed where the only material difference between the de-selected DMC and the proposed DMC is the firmware version, the DCC shall only be required to consult with TAG for that DMC to be used in SIT or MT.~~

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4. QUESTIONS

HOW TO RESPOND

 consultations@smartdcc.co.uk

 16:00 on Friday 06 September 2019

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NOTE: Responses may be published – mark confidential aspects clearly – responses may be made available to BEIS & the Authority.

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THANK YOU