SMETS1 Consultation – MEHRS - April 2022 – MOC (Secure)

A SMETS1 consultation on a proposal by DCC to amend the Migration Error Handling and Retry Strategy (MEHRS) to include two new checks for MOC (Secure)

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Expected Conclusion date: 10 May 2022
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1. Introduction and Context

A number of energy suppliers have installed first generation smart devices (known as SMETS1 devices) in consumers' premises across Great Britain. The Data Communications Company (DCC) has designed a solution for the enrolment of SMETS1 devices into its network. Part of DCC's plan to deliver SMETS1 services involves a detailed approach for migrating SMETS1 Installations into DCC's systems. The migration of SMETS1 Installations into the DCC System is progressing across the range of cohorts and all eligible meter families.

The detailed technical and procedural requirements of the migration approach are set out in the SMETS1 Transition and Migration Approach Document (TMAD). The TMAD is Appendix AL of the Smart Energy Code[1] (SEC).

Clauses 8.8 to 8.10A of the TMAD covers the arrangements for initial development and subsequent change of the Migration Error Handling and Retry Strategy (MEHRS). The latest version of the MEHRS (v7.0) was published[2] on 25 March 2022 following a consultation with Industry.

This consultation covers a change to the MEHRS to include two new checks for the MOC (Secure) cohort to be implemented from 24 May 2022.

2. Check MA534 for MOC (Secure)

Appendix A of the MEHRS has a table setting out various error codes to report on checks within the migration process. This consultation adds two new codes, the first of which is MA534. The error code indicates that the CHF and/or the device was unable to process the command at the time the command arrived as the device is already processing other commands.

This condition is rare but expected under normal conditions, retrying the migration should allow for the subsequent migration attempt to not fail for this reason. Where this error code is seen for three consecutive attempts the SMETS1 SMSO has indicated this is the result of a faulty device. At present, this error is reported as 'Other Failure' with the code MA999.

MEHRS March 2022 Q1	Do you agree with DCC's proposal to amend the MEHRS to include the MA534 check for MOC (Secure)? Please provide a rationale for your views.

3. Check MA535 for MOC (Secure)

Appendix A of the MEHRS has a table setting out various error codes to report on checks within the migration process. The second error code added by this consultation is MA535. Where this error code is seen it means that when the command arrived to a device the mode it was in at the time did not support processing of the command.

This condition is rare but expected under normal conditions, retrying the migration should allow for the subsequent migration attempt to not fail for this reason. Where this error code is seen for three consecutive attempts the SMETS1 SMSO has indicated this is the result of a faulty device. At present, this error is reported as 'Other Failure' with the code MA999.

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[1] The current version of the SEC is available from https://smartenergycodecompany.co.uk/the-smart-energy-code-2/
[2] https://www.smartdcc.co.uk/consultations/smets1-conclusions-mehrs-march-2022/

MEHRS March 2022 Q2	Do you agree with DCC's proposal to amend the MEHRS to include the MA535 check for MOC (Secure)? Please provide a rationale for your views.

4. Next Steps

Following the closure of this consultation, DCC will take into account respondents' views, and, subject to the consultation responses received publish an updated draft MEHRS consistent with the TMAD requirements.

DCC is aiming to conclude on this consultation no later than 10 May 2022. Consistent with the regulatory requirements, DCC plans to:

- publish a report covering DCC's conclusions on the MEHRS; and

- publish the draft MEHRS with an effective date of 24 May 2022 consistent with the requirements for a 14 day appeal window set out in Clause 8.9 of the TMAD.

5. How to Respond

Please provide responses in the attached template by 1600 on 3 May 2022 to DCC at consultations@smartdcc.co.uk. This template may be submitted in PDF or similar format rather than Microsoft Word format if preferred.

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 for 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 2018 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, please contact DCC via consultations@smartdcc.co.uk.

6. Attachments

Attachment / Title
1. Response Template
2. Migration Error Handling and Retry Strategy V7.1 Draft Redlined

Table 1 – Attachments