ELEXON

Headline Report

Architecture Working Group

Meeting number	**10**	Venue	**Teleconference**
Date of meeting	**22 September 2020**	Classification	**Public**

1. Introduction

1.1 Elexon introduced the tenth AWG meeting.

2. Updates from other work-streams

Code Change and Development Group (CCDG)

2.1 Elexon provided an update from the CCDG. They have been in discussion with National Grid around the Connection and Use of System Code (CUSC), and changes required to existing data structures to achieve the structures required in the MHHS Target Operating Model (TOM). There was also an update on the ongoing CCDG work on data validation.

Significant Code Review

2.2 Ofgem provided an update, noting that the MHHS draft impact assessment consultation had closed, with the final impact assessment due to be published in Spring 2021.

3. Architecture Products List

3.1 The AWG Technical Lead went through the architecture product descriptions document, explaining the different phases of the technology programme, the components of the AWG's output and an indicative timeline. The AWG is predicted to last 18 months in total, with the consultation due around May 2021.

3.2 Ofgem noted that they have asked for product descriptions which will set the output of the AWG. This will allow Ofgem to establish what the next phase of the design will be, and decide at what point industry parties will be able to use the information to start building their own systems to interface with the TOM.

3.3 The group discussed industry standing data, the scope of the data flows and how it would be published. It was noted that not all parties would require all the data, so the data should be published for all to access, rather than the whole data set being pushed to every party. It was noted that the market domain data would be re-platformed before MHHS goes live, so work will have already gone on in this area.

3.4 Elexon noted that further work on the business process models had gone on since the last meeting, with the connection and disconnection process being covered later in the week. The remaining processes would be covered starting in the week commencing 5th October.

4. Risk Assessment

4.1 Elexon presented the risk assessment document. The risks had been split into four areas: data availability, data security, technology issues and industry issues.

4.2 The group discussed the first risk under data availability, concerning timings of data transmission. This is one of the more important requirements to establish, as it will impact technology choices. The group discussed a

number of considerations, including whether consumption data should be sent as soon as it is collected, or whether it would be batched. It was noted that with appointments, the timings for MHHS would be tied to those implemented as part of the faster switching SCR. It was suggested that a process where data is transferred on a short deadline would futureproof the system in preparation for scenarios such as within-day switching. The group also considered the importance of timely data submission will have on the load-shaping service (LSS).

4.3 The group more broadly discussed the principles around specifying the solution, noting the importance of finding a balance between setting minimum requirements to retain compliance and data integrity, and over-specifying a solution leading to reduced competition and innovation.

4.4 It was agreed that it would be useful to cover the remaining risks in breakout sessions, rather than through the AWG.

5. Data Integration Technology Patterns

5.1 The Elexon Technical Lead presented a slide on technology patterns, and explained in detail the different methodologies that could be used. The group discussed the merits of the different architectures, again noting the risks around over-specification. The group agreed to contact the AWG Technical Lead outside of the meeting, stating their preference for the integration pattern.

6. Headline Report and Actions

6.1 There were a number of comments on the AWG09 Headline Report, which the Technical Secretary agreed to review before uploading to the website.

6.2 02/02 – Action ongoing – The SPaR assessment was ongoing within Ofgem.

6.3 07/02 – Action ongoing – Ofgem establishing a Confluence site in order to allow collaboration on the business process models. It was agreed that this would still be useful, despite progress being made without Confluence access.

7. Next Steps

7.1 It was suggested that it would be helpful to review the requirements that were laid out in the TOM documentation, in order to ensure they are still being considered. **Action** on the AWG technical lead to discuss with the Elexon team drafting requirements.

8. Next Meeting

8.1 The next AWG meeting will be held on 27 October 2020.