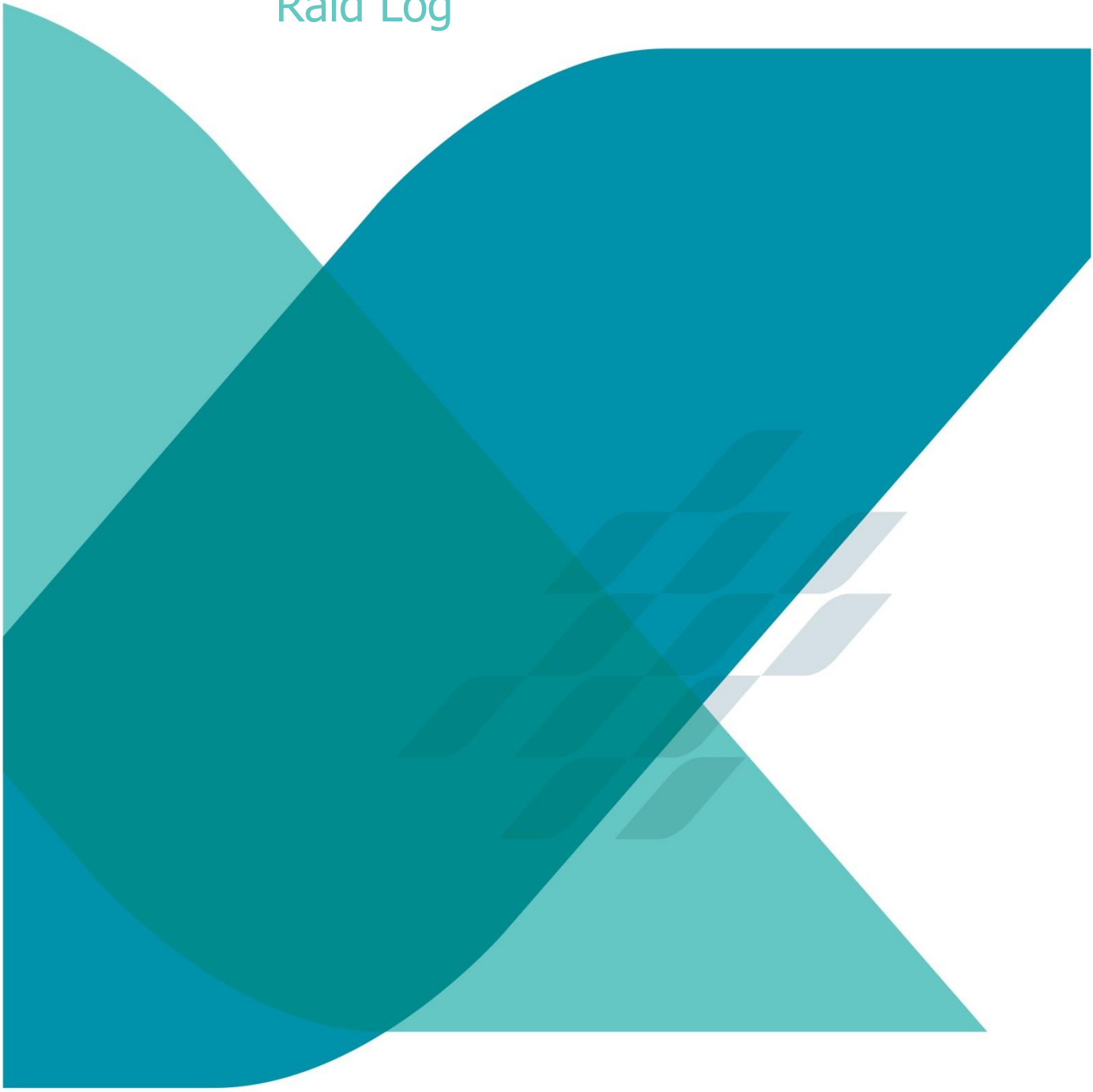


PUBLIC

DWG Risks, Issues, Assumptions and Dependencies

Raid Log



ELEXON
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DWG RISKS, ISSUES, ASSUMPTIONS AND DEPENDENCIES

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DWG RISKS, ISSUES, ASSUMPTIONS AND DEPENDENCIES

INTRODUCTION

This document is to be used by the Design Working Group (DWG) that is set up to support the Ofgem led Significant Code Review (SCR) for Market-wide Half-Hourly Settlement (HHS). The role of the DWG is to develop potential Target Operating Models (TOMs) and appropriate transitional arrangements.

This document sets out the Risk, Issues, Assumptions and Dependencies for the TOM development work (RAID). This document will also be further developed by the DWG. This RAID log is one of two RAID log for the DWG project and focusses on the TOM and any potential impactors. The other RAID log is specific to the project and will be maintained by the ELEXON project team together with the 'Action' log and project timetable.

This document should be read in conjunction with the [Design Principles](#) set out in the Appendix 2 of the Ofgem SCR launch statement.

Scope and Purpose

This document is to be used to monitor Risk, Issues, Assumptions and Dependencies that the DWG members need to consider during the TOM development work.

DWG RISKS, ISSUES, ASSUMPTIONS AND DEPENDENCIES

RISKS, ASSUMPTIONS, ISSUES AND DEPENDENCIES (RAID)

1.1 The DWG has identified the following risks, assumptions, issues and dependencies:

Risks

No.	Risk	Notes
R01	Risk that changes de-stabilise the existing HH settlement	The existing HH market of some 260k metering systems account for around 50% of the energy Settlement. Changes to the Settlement arrangements for smart Metering Systems should not disturb the established activity.

Assumptions

No.	Assumption	Notes
A01	That Suppliers will remain the registrant of Metering Systems	
A02	That the communication networks (specifically the DCC) will be able to handle the amount of data that will be required for HHS arrangements	DCC will need to look at all the capacity considerations.
A03	That the DCC is able to meet its SLAs in terms of maintaining successful communication links with meters	
A04	That the HH data on smart meters is of a level of accuracy and is suitable for use in Settlement	
A05	That there will be some Meters for which HH data cannot be collected	
A06	That Settlement will continue to be in Clock time and Meter data will need to be converted from UTC	smart Meter data is stored in UTC and a process is needed to provide both UTC and clock time versions of the data.
A07	That Settlement data will need to be processed from Watt hours (Wh) to kilowatt hours (kWh) for processing and Mega Watt hours (MWh) following Aggregation.	
A08	That all smart Meters will be serviced by the DCC in the target end state.	This may require adoption or replacement of some SMETS Meters.

Issues

No.	Issue	Notes
I01	Settlement of export	There is an issue with microgeneration export spill. There is currently no requirement to meter or settle export data from Micro-generators.
I02	Related meters	There are issue with losing identification of the related Metering system when transitioning Sites between HH and NHH Settlement.

DWG RISKS, ISSUES, ASSUMPTIONS AND DEPENDENCIES

No.	Issue	Notes
I03	Identifying types of customers and metering at point of sale	There is an issue with identifying what type of metering and type data can be accessed from customers at point of sale. E.g legacy NHH, Smart HH/NHH.
I04	Whether FiTs Meters (and other 'behind the Meter' metering) are included within the smart metering data model	
I05	Interaction with Customer Billing	The TOM will need to take account of the interaction with customer billing activity and the basis by which Settlement and billing data are reconciled.

Dependencies

No.	Dependency	Notes
D01	Smart Meter Roll out	The smart meter roll-out plays a key role in delivering the functionality for HHS. There will be a need to monitor the uptake of smart metering and estimate the potential number of customers wishing to remain on non-smart metering.
D02	Faster Switching	Interaction of TOMs and any centralised registration arrangements developed to support centralised switching will also need to be considered.
D03	SCR Policy Decision: Data Access	The TOMs will need to reflect the policy decision made on access to HH data for settlement purposes.
D04	SCR Policy Decision: Centralisation	The TOMs will need to reflect the policy decision made on centralisation of Agent Functions
D05	European Policy	European policies could also impact the design of the TOM. It is likely that changes to Settlement to support European policy decisions will be progressed within the same timeframe, e.g. 15 minute Settlement Period
D06	Flexibility initiatives	The TOMs will need to be seen as a key enabler for any new innovation around demand side flexibility, aggregation, community energy and emerging smart grid options that are currently being developed
D07	Targeted Charging Review SCR and Wider Charging Futures Initiative	The Network Charging SCR could also impact the data requirements from any new Settlement processes.
D08	Brexit	The DWG will need to keep an eye on any impacting factors that may come out of separation of policy from the EU.