

# ERA SRSM Interim Interoperability – Requirements

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## Introduction

At an SRSM Project Workshop on 23 August, the topic of interim interoperability was discussed. As a result of correspondence prior to the session, feedback received on the draft Discussion Paper issued by the project team, and the changes arising as a result of the publication of the Prospectus it was agreed that the project team should review their approach to the subject.

This paper forms part of the renewed approach, and presents a view of potential common requirements for Interim Interoperability Arrangements (IIA).

This paper should be read in accordance with the “ERA SRSM Interim Interoperability – Principles & Issues” paper. The initial draft has been based on the same input materials referenced therein.

## Requirements

In the input materials, requirements have been presented using a variety of approaches, from high level, to solution specific or as required performance levels. The project team has attempted to distill these into some core requirements, presented below.

A number of requirements could be added if the issues relating to scope in particular are addressed.

In order to conceptualise any IIA, the role of a Service Provider has been used to illustrate functions that could be performed by one or many participants in any solution options or approaches.

Req	Requirement
1	The IIA shall apply to gas and electricity meters
2	The IIA shall be common for all Suppliers
3	The IIA shall normally to use existing industry dataflows and processes wherever possible.
4	The IIA shall seek to reduce any requirements for site visits or meter exchanges
5	The IIA shall be secure in its' design and operation
6	The IIA shall protect customer privacy in its' design and operation
7	The IIA shall enable Suppliers to continue to bill customers correctly and automatically
8	The IIA shall be commercially accessible and implementable for any Supplier who considers participating
9	Meters under IIA shall be identifiable at CoS

Notes:

1. Is requirement 5 explicit enough to cover Access Control? The delivery of ongoing security across a CoS is a clear requirement, but how it is achieved will be a function of the IIA solution option.
2. Meter activity at CoS needs to be clarified – is the losing Supplier data (tariffs, settings) removed? This may cause issues for the customer and their IHD if the incoming Supplier does not plan to use the meter in a 'smart' manner.

## Potential IIA Services

Mainly provided by ScottishPower, who suggest that any IIA service provider must conform to standard service levels to support operational interoperability between Suppliers.

1. Provision of regular interval readings
2. Provision of ad hoc readings in response to request from Supplier – e.g. CoS

3. Provision of meter event data
4. Maintain auditable records of meter interactions

Subject to resolution of scope issues

1. Provision of regular interval readings to be configurable by Supplier
2. Provision of meter configuration services (for readings, events, actions etc.)
3. Support for smart prepayment/PAYG