



**XRN4780 (Part B) - Inclusion of Meter Asset
Provider Identity (MAP Id) in the UK Link system
(CSS Consequential Change)**

High Level System Solution
Impact Assessment

Change Overview

XRN4780 (Part B) – Inclusion of Meter Asset Provider Identity (MAP Id) in the UK Link system (CSS Consequential Change)

This change has been raised to meet the obligation to pass MAP Id to the CSS as part of CSS Consequential Change requirement. At a high level this change will look at the initial population and ongoing maintenance of this data item. This change will need to consider (but not be limited to):

- Initial population of the MAP Id – including cleansing and migration activities on data received from MAPs
- Ongoing maintenance of the MAP ID within CDSP system (MAP direct updates)
- Extraction of MAP Id data into BW
- Information flows informing MAPs of asset updates and Supplier changes
- Information flows informing Shippers of MAP amendments

Solution Options

1

MAP Updates and Notifications

Option 1 - High Level Impact Assessment

1- MAP Updates and Notifications

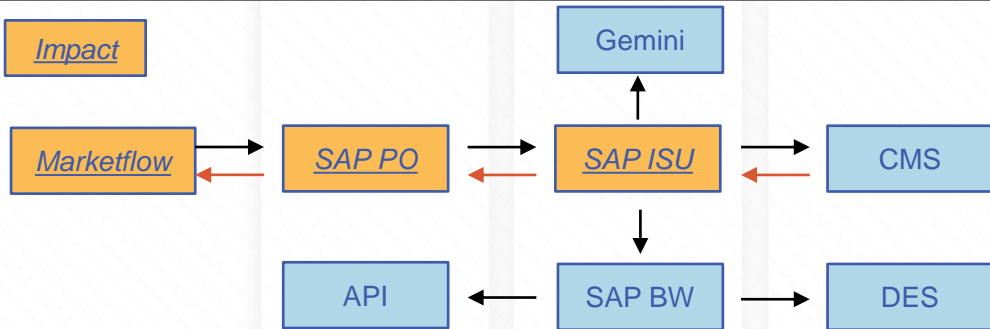
As part of this change, below system changes are anticipated:

SAP ISU:

- Data cleansing and migration activities are required for the entire portfolio of UK Link in SAP ISU and SAP BW.
- Exceptions management needs to be catered in order to capture the fallout MAP updates.
- Below new interfaces and their respective responses needs to be built in order to update the MAPs and Shippers/Suppliers for there portfolio.
 - a. MAPs will update the UK Link system on the individual asset with the MAP details.
 - b. MAPs to be notified for updated on assets due to RGMA Flows. Also if RGMA flow makes changes on the assigned MAP IDs on the asset; both the incoming and the outgoing MAPs should be notified of the changes. Supplier Updates needs to be notified to the MAP stakeholder on the assets installed on the MPRN as well.
 - c. Shippers will be notified of the MAP updates on their MPRN portfolio.
- MAP updates received from MAPs for Prime and Sub, SSMP, Twin Stream, NTS and Special Metering sites will be handled via Exception Management (BAU process).

SAP BW: MAP IDs pertaining to an Asset needs to be stored in BW in order to align systems.

Impacted Systems



Assumptions

- EFT changes and Market Trials costs are not considered.
- Bulk update of MAPs will be handled with the same interface used to receive the updates from MAP.
- Performance Testing will be required.
- DES is out of scope this change.
- New MAP IDs will be created by the customer life cycle team as per BAU.
- RGMA Flows will not be rejected if incorrect MAP ID is received.
- No Reporting required is considered for SAP BW as part of this change (Inc. MAP portfolio)
- File Format have not yet been defined.
- Asset updates will not be done by MAPs.

Overall Impact

Medium

Release Type

Major

High Level Cost Estimate

50,000 - 60,000 GBP

Option 1 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Forms	Workflow	Data Migration
System Component:		SAP ISU/SAP PO		SAP BW			SAP ISU/SAP BW
Impacted Process Areas:		SPA/RGMA		RGMA			RGMA
Complexity Level (per RICEFW item):		Low		Low			Medium
Change Description:		6 New Interface needs to be developed with validations.		MAP ID needs to be stored in SAP BW.			Data cleansing and migration is required to update the entire UK Link Portfolio with the MAP IDs. This data needs to flow to BW as well

	ISU	BW	PO / Marketflow	DES	CMS	AMT	API
Test Data Prep Complexity:	Low	Low	Low			Low	
Unit and Sys Test Complexity:	Low	Low	Low			Low	
Pen Test Impact:	No	No	No			No	
Regression Testing Coverage:	Low	Low	Low			Low	
Performance Test Impact:	Yes	Yes	Yes			Yes	
Market Trials:	Yes	No	Yes			Yes	
UAT Complexity:	Low	Low	Low			Low	

Option 1 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?
SPA	Med	Yes	No	No	Yes	No
Metering (Reads)	n/a	n/a	n/a	n/a	n/a	n/a
Reconciliation	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing - Capacity	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Commodity	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing - Amendment	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing - Other	n/a	n/a	n/a	n/a	n/a	n/a
Rolling AQ	n/a	n/a	n/a	n/a	n/a	n/a
Formula Year AQ	n/a	n/a	n/a	n/a	n/a	n/a
RGMA	Med	Yes	Yes	No	Yes	Yes
DSC Service	n/a	n/a	n/a	n/a	n/a	n/a
Other (Specify)	n/a	n/a	n/a	n/a	n/a	n/a