



**Xoserve**

**UK Link Programme**

**RAASP – Solution Options, Plan & Comparison**

# Key Solution Options

## Option-1

- Update latest device post latest billing related activity, but actual effective date is recorded in system
- Replacement reads via UMR will be rejected, in circumstances where no. of dials and imperial/metric changes
- Consumption Adjustment between the read period will be used to correct financial position

## Option-2

- Update latest device from the current shipper transfer date or asset install date (whichever is later), but actual effective date is recorded in system
- Consumption Adjustment between the two read periods will be used to create reconciliation variances to correct financial position

## Option-3

- Original RAASP option with actual asset details reflected in system across Shipper portfolio with exception of class change period

## Option-4

- Generate Shipper portfolio file, requesting data items from Shippers (via MOD)
- Carry out differential analysis between UKLINK & Shippers information and correct the data as per option-1 – Minimum viable product to resolve majority of issues
- Build an enduring solution option-1 with simplified file structure

## Option-5

- Remain with Business as Usual solution

# Potential RAASP Scenario's at High Level

- **Meter**

- Fix
- Removal
- Exchange

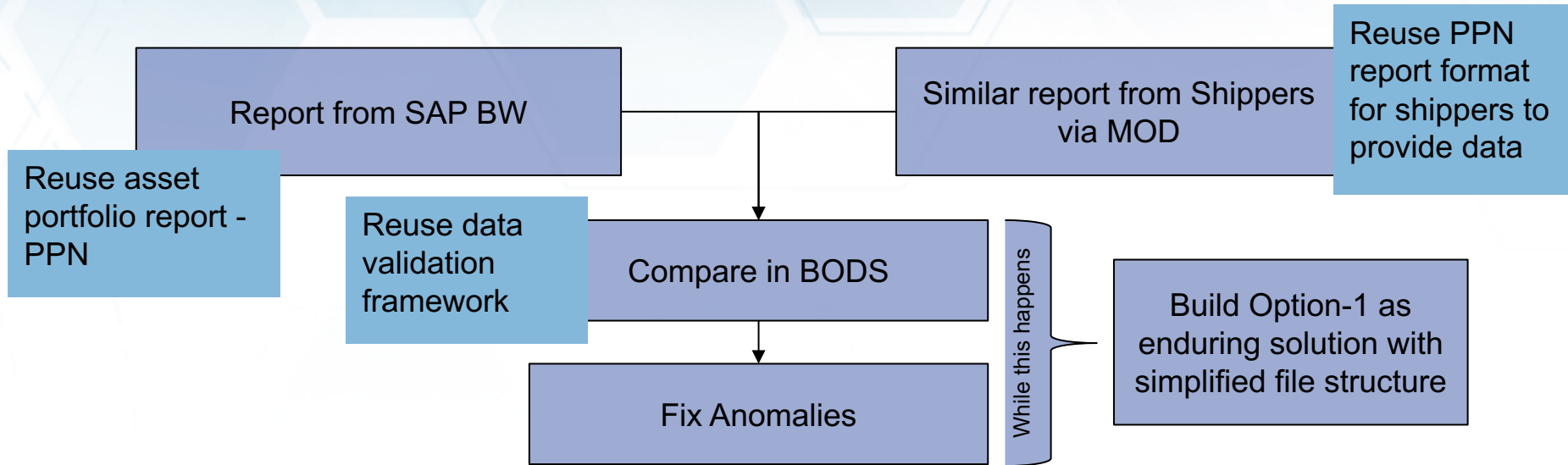
- **Corrector**

- Fix
- Removal
- Exchange

- **Amendments**

- Serial Number
- Year of Manufacture
- Meter Mechanism Code
- Manufacture Code
- Meter Status
- Metric/ Imperial Indicator
- Read Factor
- Read Units
- Number of Dials
- Conversion Factor

# Option 4: High level Solution overview



- Shippers to provide the asset data as maintained within their systems in PPN format.
- This will be loaded into BODS system
- Generate similar report from SAP BW for the similar attributes and load in BODS
- Compare the data contained in both sources
- Highlight any anomalies and cleanse, applying the same process as was undertaken for data validation
- This is expected to correct majority of data issues as a one-time activity
- Formalise requirements of activity with industry via UNC Modification
- Whilst this is going on, enduring option-1 will be developed with simplified file format
  - e.g. single record type requesting MPRN, Effective Dates, attribute, updated value
- This needs to be validated based on detailed discussions with industry and potential design

# RAASP Options – Scope Comparison

Features	Option 1	Option 2	Option 3	Option 4	Option 5
Ability to correct Financial Position	✓	✓	✓	✓	✓
Change effectiveness visible to Shippers	✓	✓	✓	✓	✗
Ability to correct the financial position via consumption adjustment	✓	✓	✓	✓	✓
Automatic recalculation of energy position post retro update for the current Shipper	✓	✓	✓	✓	✓
Asset property correction from the start of current Shipper period	✗	✓	✓	✗	✗
Ability to update within the current ownership post retro update for financial adjustment	✗	✓	✓	✗	✗
Asset property correction in the previous Shipper period	✗	✗	✓	✗	✗
Automatic recalculation of energy position post retro update for the previous Shippers	✗	✗	✓	✗	✗
Asset updates in the previous class period	✗	✗	✗	✗	✗
Provides a way to correct industry data prior to implementation of RAASP	✗	✗	✗	✓	✗

# RAASP Options – Timeline / Cost

Solution	Complexity	Timeline (excl. Market Trials)	Approximate Cost (£)
Option 1	Low to Medium	~ 6 Months	510K to 560K
Option 2	Medium	~ 9 Months	1 million to 1.10 million
Option 3	High	~ 12 Months	1.50 million to 1.60 million
Option 4	Low	~ 3 Months Bulk Cleansing Activity	Bulk Cleansing Activity 60K to 65K
		~ 6 Months (Option 1)	Enduring Option 1 400K to 450K  (Total – 460k – 515k)

## Key Points:

- All timelines / costs have been provided inclusive of UAT – However these do not include costs associated to Market Trials
- Further clarification on costs will be provided following confirmation of Customer needs for Market Trials
- Timeline will commence once industry approval of preferred Option is reached
- Option 4 costs and complexity less than Option 1 - Simplified file format and expected reduction in industry volumes
- Release 3's scope should be reviewed for priority/risk assessment – Potential or Option 1 & 4 to be considered, subject to other demand priorities
- Potential for Option 4 Bulk Cleansing activity to be undertaken outside of a Release
- Options 2 & 3 would need to be considered in a later Release

# RAASP Principles – to be confirmed

- Retrospective Update Notifications not sent to Proposing Shipper during transfer of ownership
- Retrospective Update Notifications not sent to any previously Registered Shipper(s)
- Volumes of Consumption Adjustments need to be understood
- Impact of Cleansing and applying Adjustments needs to be considered;
  - Should Adjustments be phased / volumes within a month
  - Consequential impact on Unidentified Gas
- Bulk data cleanse activity should see volumes of Retrospective updates reduce significantly
  - Performance testing scope for Option 4 would be based on reduced volumes

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**xserve**

**Thank You**