



## **XRN5200 Shipper Pack Transition to Data Discovery Platform**

High Level System Solution  
Impact Assessment

# Change Overview

## XRN5200 Shipper Pack Transition to Data Discovery Platform

This change seeks to establish a framework and timescale for the de-commissioning of Shipper Packs content once all related data and topics are delivered via reporting in DDP.

To rationalise reporting some Shipper Pack topics were incorporated with corresponding PARR Report topics to align data. Xoserve continued to provide the data in the current format in addition to DDP. User Stories have been created for the remaining Shipper Pack topics and added to the DDP backlog for prioritising into delivery.

The joint production of Shipper Packs and DDP data is resulting in:

- a) Inefficient use of resource to manually collate and format data extracts for Shipper Pack
- b) Duplicated reporting statistics
  - Future changes, requested by shippers, could result in regret spend as both platforms would have to be changed until legacy is decommissioned

## Solution Options

1

Direct Cut Over, no parallel running

2

Parallel running and Direct Cut Over

3

Two phase approach

4

Staggered parallel running approach (for the remaining topics)

# Option 1 – High Level Impact Assessment

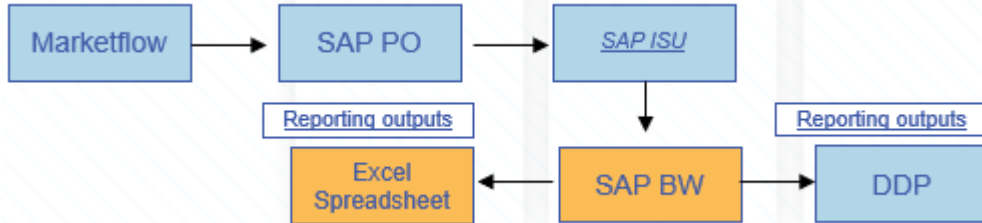
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## 1 – Direct Cut Over, no parallel running

This solution option will deliver a single cut over from legacy to DDP for the remaining topics. At the point of cut over, Xoserve will stop parallel running for the current Shipper Pack with immediate effect.

### Impacted Systems

*Impact*



### Assumptions

- This estimate is based on very high-level analysis, based on the discussion for requirement and solution, the stated efforts may change.
- All remaining data and topics are re-prioritised by customers into a single DDP drop
- Market trials costs not considered as part of this estimate.
- All data and topics are deployed to DDP by end of December 2021 and legacy reporting is decommissioned by end of March 2022

### Overall Impact

Low

### Release Type

Adhoc

### High Level Cost Estimate

£0

# Option 1 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Workflow	Data Migration
System Component:	BW	n/a	n/a	n/a	n/a	n/a
Impacted Process Areas:	Shipper Pack	n/a	n/a	n/a	n/a	n/a
Complexity Level (per RICEFW item):	n/a	n/a	n/a	n/a	n/a	n/a
Change Description:	n/a	n/a	n/a	n/a	n/a	n/a

	ISU	BW	PO	AMT	DES	API
Test Data Prep Complexity:	n/a	n/a	n/a	n/a	n/a	n/a
Unit and System Test Complexity:	n/a	n/a	n/a	n/a	n/a	n/a
Pen Test Impact:	n/a	n/a	n/a	n/a	n/a	n/a
Regression Testing Coverage:	n/a	n/a	n/a	n/a	n/a	n/a
Performance Test Impact:	n/a	n/a	n/a	n/a	n/a	n/a
Market Trials:	n/a	n/a	n/a	n/a	n/a	n/a
UAT Complexity:	n/a	n/a	n/a	n/a	n/a	n/a

# Option 1 - Process Impact Assessment

1

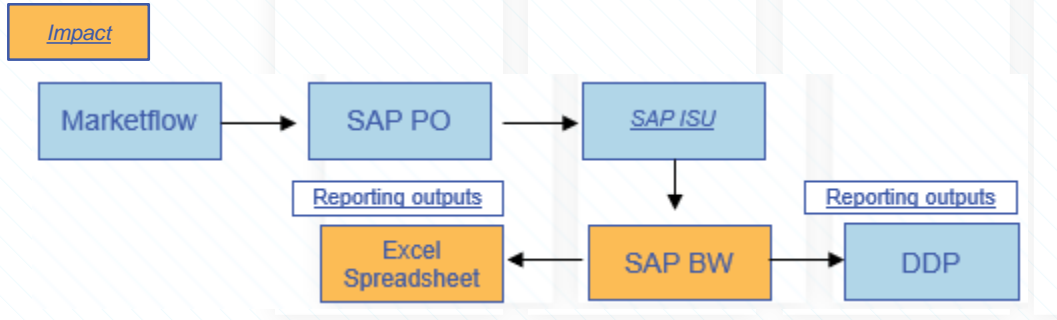
Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?	CSS Code Conflicts?
SPA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Metering (Reads)	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Reconciliation	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Capacity	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Commodity	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Amendment	n/a	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	n/a
Rolling AQ	n/a	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	n/a
RGMA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
DSC Service	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Central Switching Service (CSS)	n/a	n/a	n/a	n/a	n/a	n/a	n/a

# Option 2 - High Level Impact Assessment

## 2 - Parallel running and Direct Cut Over

Legacy reporting would continue alongside the equivalent DDP reports, persisting as each DDP drop for Shipper Pack data is completed. Once all data and topics are in DDP Xoserve would parallel run these alongside the legacy report for a period of time (to be agreed between customer and Xoserve) following which legacy reporting would be decommissioned.

### Impacted Systems



### Assumptions

- This estimate is based on very high-level analysis, based on the discussion for requirement and solution, the stated efforts may change.
- Topics to be delivered in one or multiple DDP drops
- Market trials costs not considered as part of this estimate.
- All data and topics are deployed to DDP by end of December 2021 and legacy reporting is decommissioned by end of March 2022”

Overall Impact	Release Type	High Level Cost Estimate
Low	Adhoc	£0

# Option 2 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Workflow	Data Migration
<b>System Component:</b>	BW	n/a	n/a	n/a	n/a	n/a
<b>Impacted Process Areas:</b>	Shipper Pack	n/a	n/a	n/a	n/a	n/a
<b>Complexity Level (per RICEFW item):</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Change Description:</b>	n/a	n/a	n/a	n/a	n/a	n/a

	ISU	BW	PO	AMT	DES	API
<b>Test Data Prep Complexity:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Unit and System Test Complexity:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Pen Test Impact:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Regression Testing Coverage:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Performance Test Impact:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Market Trials:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>UAT Complexity:</b>	n/a	n/a	n/a	n/a	n/a	n/a

# Option 2 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?	CSS Code Conflicts?
SPA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Metering (Reads)	n/a	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	n/a
Invoicing – Capacity	n/a	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	n/a
Invoicing – Amendment	n/a	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	n/a
Rolling AQ	n/a	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	n/a
RGMA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
DSC Service	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Central Switching Service (CSS)	n/a	n/a	n/a	n/a	n/a	n/a	n/a

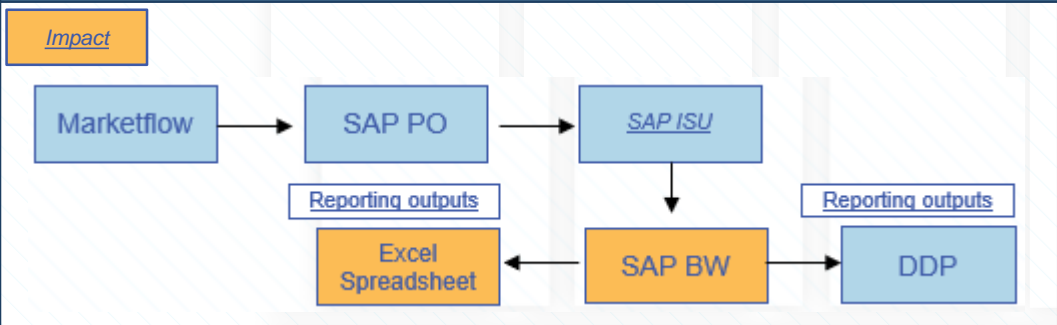


# Option 3 - High Level Impact Assessment

## 3 - Two phase approach

Stop legacy reporting for the topics which are already in DDP, after an agreed notice period. Once all the remaining topics are in DDP, Xoserve would continue to run the legacy reports for an agreed notice period, then stop the remaining topics in the current reporting in one go.

### Impacted Systems



### Assumptions

- This estimate is based on very high-level analysis, based on the discussion for requirement and solution, the stated efforts may change.
- Topics to be delivered in one or multiple DDP drops
- Market trials costs not considered as part of this estimate.
- All data and topics are deployed to DDP by end of December 2021 and legacy reporting is decommissioned by end of March 2022”

Overall Impact	Release Type	High Level Cost Estimate
Low	Adhoc	£0

# Option 3 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Workflow	Data Migration
<b>System Component:</b>	BW	n/a	n/a	n/a	n/a	n/a
<b>Impacted Process Areas:</b>	Shipper Pack	n/a	n/a	n/a	n/a	n/a
<b>Complexity Level (per RICEFW item):</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Change Description:</b>	n/a	n/a	n/a	n/a	n/a	n/a

	ISU	BW	PO	AMT	DES	API
<b>Test Data Prep Complexity:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Unit and System Test Complexity:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Pen Test Impact:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Regression Testing Coverage:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Performance Test Impact:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Market Trials:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>UAT Complexity:</b>	n/a	n/a	n/a	n/a	n/a	n/a

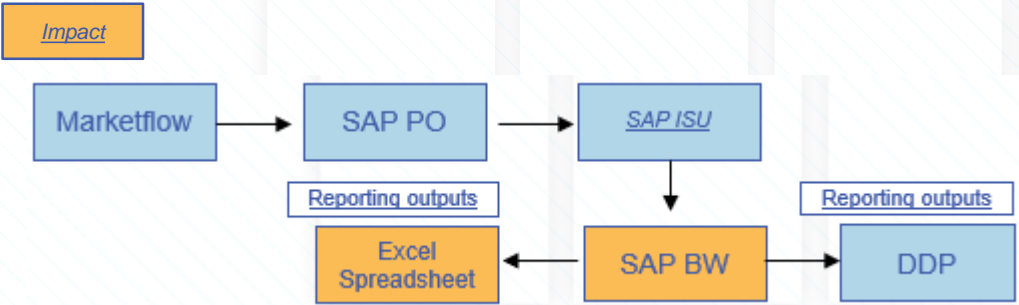


# Option 4 - High Level Impact Assessment

## 4 - Staggered parallel running approach (for the remaining topics)

Direct cut off of all the SAP BW reports for the topics already in DDP, only continue the SAP BW reports where there is no DDP reporting. As a new topic becomes available in DDP a notice period will commence during which Xoserve will continue to produce the related legacy report. At the end of the notice period the related legacy reporting will be decommissioned

### Impacted Systems



### Assumptions

- This estimate is based on very high-level analysis, based on the discussion for requirement and solution, the stated efforts may change.
- Topics to be delivered in one or multiple DDP drop
- Market trials costs not considered as part of this estimate.
- All data and topics are deployed to DDP by end of December 2021 and legacy reporting is decommissioned by end of March 2022

### Overall Impact

Low

### Release Type

Adhoc

### High Level Cost Estimate

£0

# Option 4 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Workflow	Data Migration
<b>System Component:</b>	BW	n/a	n/a	n/a	n/a	n/a
<b>Impacted Process Areas:</b>	Shipper Pack	n/a	n/a	n/a	n/a	n/a
<b>Complexity Level (per RICEFW item):</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Change Description:</b>	n/a	n/a	n/a	n/a	n/a	n/a

	ISU	BW	PO	AMT	DES	API
<b>Test Data Prep Complexity:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Unit and System Test Complexity:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Pen Test Impact:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Regression Testing Coverage:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Performance Test Impact:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Market Trials:</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>UAT Complexity:</b>	n/a	n/a	n/a	n/a	n/a	n/a

