



**XRN5161 -
UIG_Additional_National_Data_YYYYMM
Frequency Change**

High Level System Solution
Impact Assessment

Change Overview

XRN5161 - UIG_Additional_National_Data_YYYYMM Frequency Change

XRN5161 was raised as an urgent COVID-19 related change looking to amend the frequency of the UIG Additional National Data drop from Monthly to Weekly.

This change has been fast tracked as agreed with ChMC due to its COVID-19 related elements.

Solution Options

1

Replace existing monthly data load file with a weekly file

2

Keep the existing monthly data load file and update it weekly

3

Keep the existing monthly data load file but also introduce a weekly (7 day) version

Option 1 - High Level Impact Assessment

1

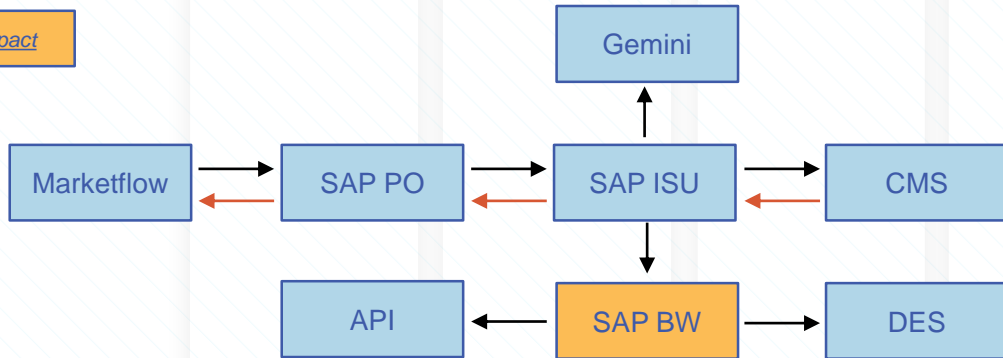
Option 1 - Replace existing monthly data load file with a weekly file

Solution Description:

This solution is looking to stop producing the monthly file but to start loading instead, a single file every 7 days, containing the same information but just 7 gas days' worth of information (post closeout).

Impacted Systems

Impact



Assumptions

- None

Overall Impact

Low

Release Type

AdHoc

High Level Cost Estimate

2,000 - 6,000 GBP

Option 1 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Forms	Workflow	Data Migration
System Component:	SAP BW						
Impacted Process Areas:	Demand Estimation						
Complexity Level (per RICEFW item):	Low						
Change Description:	Amend existing logic to produce report weekly (7days) instead of per calendar month						

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

Option 1 - Process Impact Assessment

1

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?
SPA	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
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	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
Other (Demand Estimation)	Low	No	No	No	Yes	No

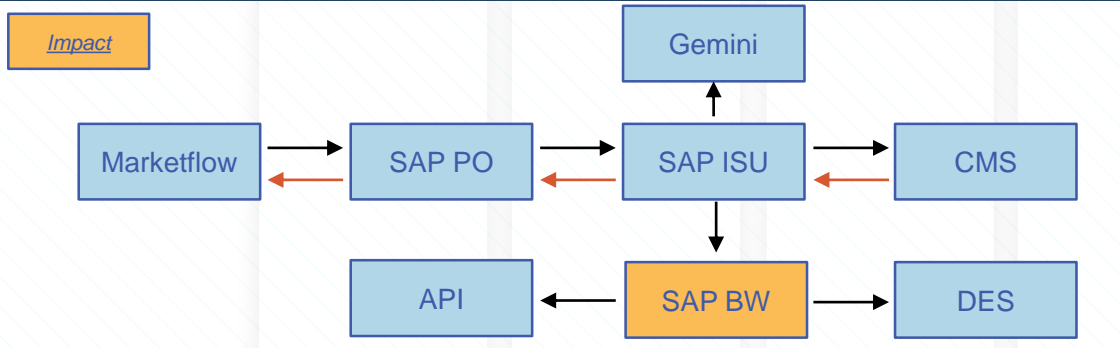
Option 2 - High Level Impact Assessment

Option 2 - Keep the existing monthly data load file and update it weekly

Solution Description:

This solution is looking to keep the monthly file, but add data to it every 7 days until the monthly file has been completed (with a new file being created for the following month). This monthly file will be version controlled to show the additions of data.

Impacted Systems



Assumptions

- None

Overall Impact	Release Type	High Level Cost Estimate
Low	AdHoc	2,000 - 6,000 GBP

Option 2 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Forms	Workflow	Data Migration
System Component:	SAP BW						
Impacted Process Areas:	Demand Estimation						
Complexity Level (per RICEFW item):	Low						
Change Description:	Amend existing logic to produce report monthly file (as per existing) but populate every week						

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

Option 2 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?
SPA	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
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	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
Other (Demand Estimation)	Low	No	No	No	Yes	No

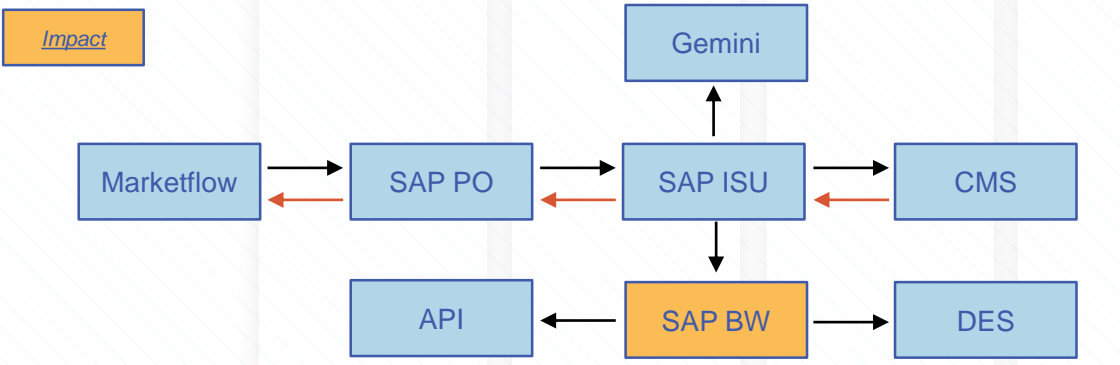
Option 3 - High Level Impact Assessment

Option 3 - Keep the existing monthly data load file but also introduce a weekly (7 day) version

Solution Description:

This solution is looking to keep the existing monthly file but to also start producing a weekly view (to be placed in a separate folder) that is to be produced every 7 days.

Impacted Systems



Assumptions

- None

Overall Impact	Release Type	High Level Cost Estimate
Low	AdHoc	2,000 - 6,000 GBP

Option 3 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Forms	Workflow	Data Migration
System Component:	SAP BW						
Impacted Process Areas:	Demand Estimation						
Complexity Level (per RICEFW item):	Low						
Change Description:	Create a new report for every 7 days (post closeout)						

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

Option 3 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?
SPA	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
Reconciliation	n/a	n/a	n/a	n/a	n/a	n/a
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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	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
Other (Demand Estimation)	Low	No	No	No	Yes	No

ChMC

- Proposer of XRN5161, DSG and CDSP have all identified Solution Option 2 to be preferred
- ChMC are being asked to vote to approve Solution Option 2 to be moved into delivery
- Planning on progressing this change to be available to Shippers in May
- This is expected to be an enduring solution and not be reverted back post COVID-19