



XRN4777 – Acceptance of Contact Details (CNC Changes)

High Level Solution Option Assessment

Change Overview

XRN4777 – Acceptance of Contact Details (CNC Changes)

Prior to the Project Nexus Implementation Date Shippers were able to submit the Contact Detail updates with the same effective date as the date on which the transaction was submitted to UK Link systems. This CP seeks to develop a solution that reverts the outcomes of Shipper notifications of amended to Contact Details to those experienced prior to the Project Nexus Implementation Date. Currently in UK Link any files not received by 16.00hrs are be processed the following Supply Point System Business Day (SPSBD). Given that the UK Link System Application business rules will not allow any retrospective effective dates in comparison to the processing date it effectively means that any records submitted after the cut off will be rejected where the effective date matches the processing date.

Solution Options

1

Additional Job instance

2

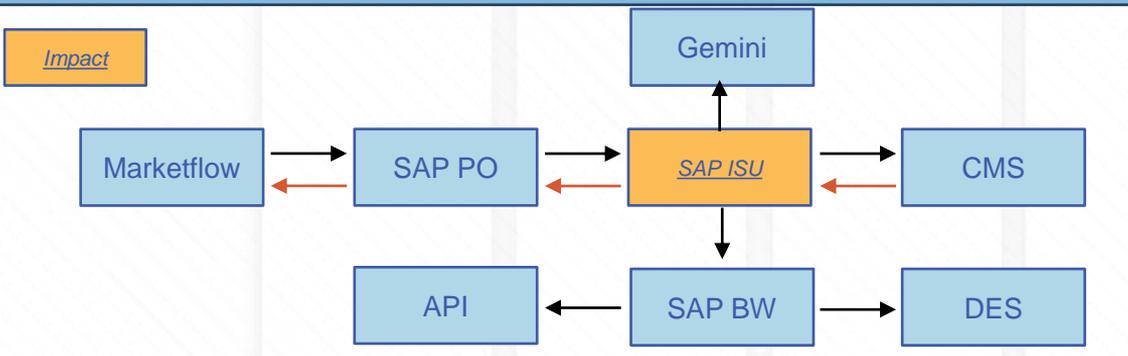
Validate the effective date with the received date

Option 1 - High Level Impact Assessment

1 - Additional Job instance

SAP ISU : To introduce an additional instance to process contact details on the same day(executed at an agreed cut off time), after the existing job that runs between 17.30 and 18.00 to take into account any late additional files sent. This could stop the records with the effective date matching the submission date being rejected as it would prevent them being processed in next day's run. There will be an additional sweep required as the core UK Link processes (UMR/UBR) are running during the evening hours. There is a risk that some files may run over midnight into next day which doesn't solve the original issue as these files would be processed incorrectly as they currently are.

Impacted Systems



Assumptions

- New cut off time will be introduced.
- No Impacts to any external systems.
- Changes anticipated in CNC and EMC file.
- No market trials is needed.
- There could be an instance of large files which are required to be cleared.
- Efforts for the third party aren't included(Control M).

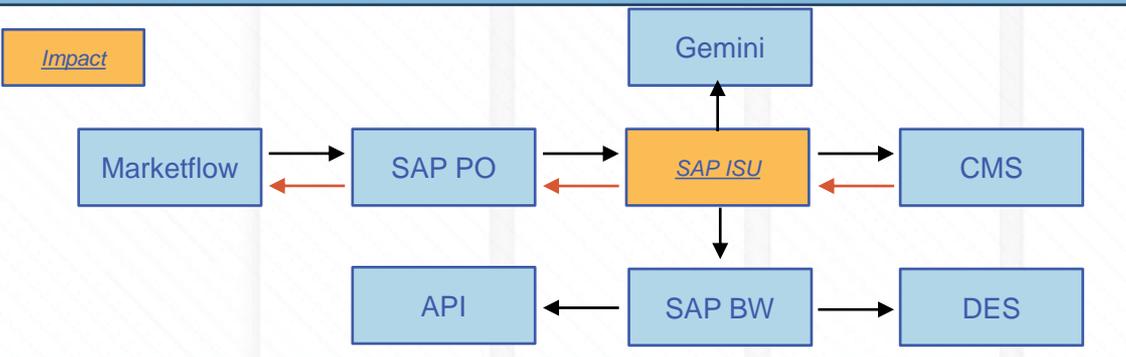
Overall Impact	Release Type	High Level Cost Estimate
Medium	Minor	TBC

Option 2 - High Level Impact Assessment

2 - Validate the EFFECTIVE DATE with the RECEIVED DATE

SAP ISU : This is to change the validation in the UK Link system where the system would need to compare received dates and the effective dates within the file(CNC and EMC) instead of the processing date and the effective dates as done in the current world. If the EFFECTIVE date is less than the RECEIVED date, then the file will get rejected else would be accepted if all the other validations are passed (as per the BAU process).

Impacted Systems



Assumptions

- CNC and EMC will be having this validation.
- No Impacts to any external systems.
- No market trials is needed
- No new additional batch job instance to be added for the files.

Overall Impact	Release Type	High Level Cost Estimate
Medium	Minor	TBC

Option 1 - System Impact Assessment

	SAP ISU				
System Component:	SPA				
Development Type:	Scheduling change				
Impacted User(s):	Shippers				
Build Type:	Existing				
Change Description:	Introduce a new batch instance for processing of CNC and EMC				
Requirement Clarity:	G				
Change Complexity:	G				
Integration Complexity:	G				
Test Data Prep Complexity:	G				
Test Execution:	A				
Regression Testing Impact:	G				
Performance Impact:	A				

Option 2 - System Impact Assessment

System Component:	SAP ISU					
Development Type:	SPA					
Impacted User(s):	Code Change					
Build Type:	Shippers					
Change Description:	Existing					
	Code change will be to Validate the effective date with the received date instead of the processing date					

Requirement Clarity:	G					
Change Complexity:	A					
Integration Complexity:	G					
Test Data Prep Complexity:	G					
Test Execution:	A					
Regression Testing Impact:	G					
Performance Impact:	G					

Option 1 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?
SPA	M	N	N	N	Y	Y
Metering (Reads)	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Reconciliation	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Invoicing – Capacity	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Invoicing – Commodity	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Invoicing – Amendment	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Invoicing – Other	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Rolling AQ	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Formula Year AQ	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
RGMA	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
DSC Service	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Other	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N

Option 2 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?
SPA	M	N	N	N	N	N
Metering (Reads)	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Reconciliation	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Invoicing – Capacity	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Invoicing – Commodity	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Invoicing – Amendment	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Invoicing – Other	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Rolling AQ	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Formula Year AQ	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
RGMA	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
DSC Service	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Other (Weather Values)	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N