



XRN5469 – Increasing the Frequency of FSG Payments

High Level System Solution
Impact Assessment

Change Overview

XRN5469 – Increasing the Frequency of FSG Payments

Cadent have asked Xoserve to assess the feasibility and impact of increasing the frequency of FSG (Failure to Supply Gas) payments with the aim to ensure that Distribution Networks have increased capabilities to them that support them in meeting their FSG License obligations during gas supply interruption events.

Currently FSG payments, for all DNOs, are processed on a weekly basis following the process steps below:

1. FSG submissions are received on a weekly basis every business Monday before 10am
2. FSG submissions can also be received on an ad-hoc basis (any business day, any time)
3. Charges (credits) are raised in the UK-LINK system
4. Invoicing team administrator checks credits to be issued, by running the 'Liability Simulation' process
5. Invoicing Team Manager authorises, and credits are applied using the standard invoicing process
6. System invoice creation runs daily 09:30-15:30, every 2 hours
7. Invoice (credits) are sent to the Shipper on the next business day after initial FSG submission.

Solution Options

1

Supplement exiting team to run process daily on behalf of all Distribution Networks

Option 1 - High Level Impact Assessment

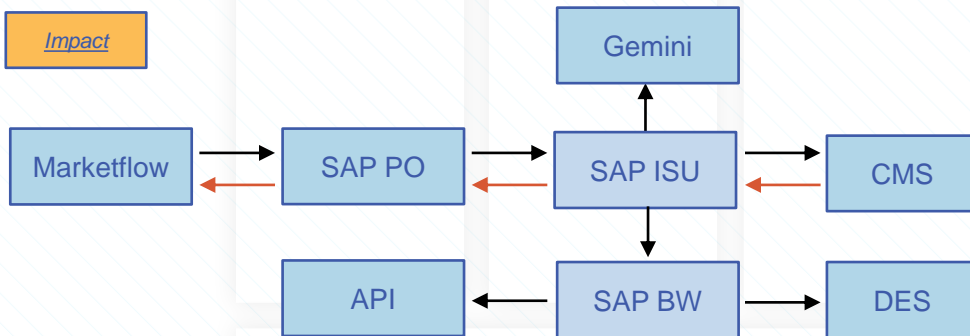
1 – Supplement existing team to run process daily on behalf of all Distribution Networks

Supplementing the existing Invoicing team, with additional Full Time Employee (FTE), which will enable:

1. FSG submissions to be received from Distribution Networks on a daily basis (every business day).
2. Optionality for Distribution Networks to retain FSG submissions weekly if preferable (every Monday).
3. Submissions received after 10am, each day, are treated as having being received on the next business day.
4. FSG submissions processed into credits and issued via invoice daily

Supplementing the existing Invoicing team with an additional 1 FTE will ensure the above arrangements can be put in place and delivered to Distribution Network Customers

Impacted Systems



Assumptions

- That there will be no system changes to deliver this change
- No impact to Shipper or DN processes / systems
- No change to current system invoice creation runs (daily)
- No change to current KPI (100% FSG invoice credits notified to Cadent/Other DNOs next business day)
- Consideration of options around sending FSG payments direct to Suppliers / customers from the CDSP excluded from this assessment
- Distribution Networks and Shippers are able to move from weekly to daily FSG submissions and daily accounts receivable processing
- The enhanced process could be made available as soon as recruitment and training are successfully completed – which is expected to take approx. 3 months from funding approval.

Overall Impact	Release Type	High Level Cost Estimate
Low	N/A	60,000 GBP p.a.

Option 1 - System Impact Assessment

	Reports (BW)	Interface	Conversion	Enhancements	Workflow	Data Migration
System Component:	n/a	n/a	n/a	n/a	n/a	n/a
Impacted Process Areas:	n/a	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

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
CSS Processes	n/a	n/a	n/a	n/a	n/a	n/a	n/a