



XRN5309 – FSG: Automating the FSR ‘Standard Liability’ Process

High Level System Solution
Impact Assessment

Change Overview

XRN5309 – FSG: Automating the FSR ‘Standard Liability’ Process

This change is raised to fully automate the Xoserve FSG/FSR manual process to ensure all MPRNs within an FSG event that have been submitted to Xoserve for processing are included in the subsequent FSR file that is returned to the DN.

A DN may submit an FSG return that might contain GSOP1 and/or Standard Liability (‘SL’) MPRNs. Once submitted to Xoserve, the FSG process will identify those SL MPRNs and transfer these to a separate invoicing process.

Following validation of the MPRNs, the FSG process will create a Failure to Supply Gas Response (FSR) file containing those MPRNs. The FSR file is then returned to the DN confirming the compensation payments that will be made and, any validation errors.

Currently, there is an issue whereby ‘SL’ MPRNs (> 73,200 kWh) that have the financial compensation value recalculated are not included within the return FSR file.

Xoserve (Billing Operations) has a manual process in place to correct this however, with the revised Ofgem RIIO2 arrangements, the manual process is no longer sustainable from an economic nor efficiency perspective.

This change will ensure that all MPRN's identified for the standard Liabilities process (MSC I & AQ>73,200) are notified to the Network on the FSR file.

Solution Options

1

Modify FSG IDoc processing and execution program to trigger FSR response with appropriate details to all MPRNs received in FSG file where Standard Liability is flagged as ‘Y’

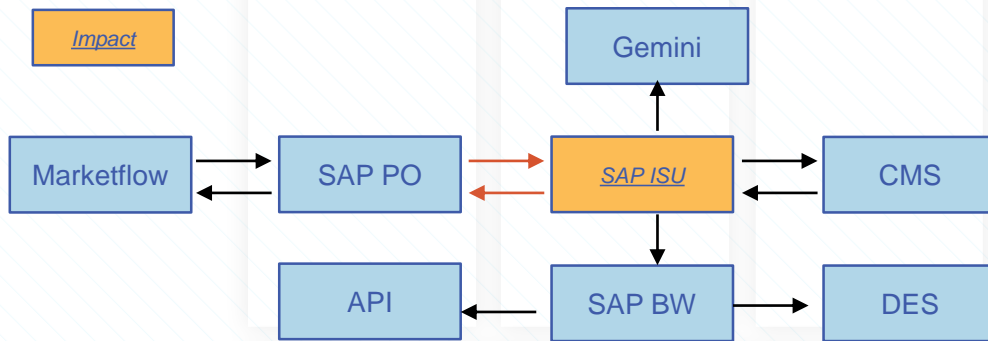
Option 1 - High Level Impact Assessment

1 - Modify FSG IDoc processing and execution program to trigger FSR response with appropriate details to all MPRNs received in FSG file where Standard Liability is flagged as 'Y'

SAP ISU:

- Standard Liability validation in FSG IDoc processing function module to be changed to populate MOD565 amendment message in ZBT_REJCODES_FSG table for all the standard liability MPRNs.
- Code changes required in object ZCL_B_FSG_CHARGE_CALCULATION to trigger FSR response to all the MPRNs received in the FSG file and Standard liability is flagged as 'Y'
- After the authorization of FSG file by user, ZBR_EXECUTE_FSG program will generate FSR outbound IDoc with following details of the Standard Liability MPRNs
 - K95 – FSG record details of the MPRN
 - K97 – AMMENDMENT_CODE: FSG051, AMMENDMENT_MESSAGE: Compensation charges have been recalculated in line with MOD565

Impacted Systems



Assumptions

- The FSR issue only exists for FSG incidents with standard liability records. No changes to GSOP1 and GSOP12 FSG scenarios.
- The existing Amendment code and message will be used in FSR to notify networks of MPRNs that have been moved into the Liability process.
- There are no requirement for amending the reporting of the FSG/FSR.
- Performance testing of the impacted process are not in scope.
- A Market Trials phase is not in the scope of the change.
- Any BAU defect identified during the change will not be resolved as part of this change.
- This High Level Solution Option and Estimate is based on the known High Level Requirements and is subject to change if the Requirements change.

Overall Impact	Release Type	High Level Cost Estimate
Medium	Minor	£20,000 to £30,000 GBP

Option 1 - System Impact Assessment

1

	Reports	Enhancements	Data Migration	CMS
System Component:	N/A	SAP ISU	SAP ISU	Contact creation
Impacted Process Areas:	N/A	Billing & Invoicing	N/A	N/A
Complexity Level (per RICEFW item):	N/A	Medium	N/A	N/A
Change Description:	N/A	<ul style="list-style-type: none"> Code changes required in FSG processing and execution FM to trigger FSR response with appropriate details to all the MPRNs received in the FSG file and Standard liability is flagged as 'Y' 	N/A	N/A

	ISU	CMS	Portal	AMT Marketflow
Test Data Prep Complexity:	Medium	N/A	N/A	Low
Unit and Sys Test Complexity:	Medium	N/A	N.A	Low
Pen Test Impact:	Low	N/A	N/A	N/A
Regression Testing Coverage:	Medium	N/A	N/A	Low
Performance Test Impact:	N/A	N/A	N/A	N/A
Market Trials:	N/A	N/A	N/A	N/A
UAT Complexity:	Medium	N/A	N/A	Low

