

DSC Change Proposal Document

Customers to fill out all of the information in the sections coloured ■
 Xoserve to fill out all of the information in the sections coloured ■

A1: General Details

Change Reference:	XRN5464		
Change Title:	Technical Debt reduction – Enhancement to asset exchange process for Class 1 and 2 Meter Points		
Date Raised:	22/12/2021		
Sponsor Representative Details:	Organisation :	Xoserve	
	Name:	Paul Orsler	
	Email:	Paul.Orsler@xoserve.com	
	Telephone:		
Xoserve Representative Details:	Name:	James Barlow	
	Email:	James.barlow@xoserve.com	
	Telephone:		
	Business Owner:		
Change Status:	<input type="checkbox"/> Proposal	<input type="checkbox"/> With DSG	<input checked="" type="checkbox"/> Out for Review
	<input type="checkbox"/> Voting	<input type="checkbox"/> Approved	<input type="checkbox"/> Rejected

A2: Impacted Parties

Customer Class(es):	<input checked="" type="checkbox"/> Shipper	<input type="checkbox"/> Distribution Network Operator
	<input type="checkbox"/> NG Transmission	<input type="checkbox"/> IGT
	<input type="checkbox"/> All	<input checked="" type="checkbox"/> Other, DMSP
Justification for Customer Class(es) selection	This change seeks to ensure an accurate meter read history is maintained following a successful meter asset exchange on Class 1 and 2 Supply Meter Points (SMP).	

A3: Proposer Requirements / Final (redlined) Change

Problem Statement:	When an RGMA exchange request is received for a Class 1 or Class 2 SMP, existing reads associated with the previous asset are cleared from new device installation date +1 up to RGMA processing date but not re-populated.
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Change Description:	<p>This change seeks to ensure that the read history of a Class 1 or 2 SMP, following meter exchange, is populated with accurate estimated reads in a timely manner and these are issued to the Shipper and DMSPs via existing file interfaces (MDR/DDR). This will ensure that all parties have an accurate view of the read history, future estimated reads are accurate and any associated risk on submission of future actual reads is reduced.</p> <p>The required changes will be internal to the CDSP and utilisation of existing file formats and process will be sought in order to pass updates to Shippers and the DMSP. The analysis and corrective action will be undertaken in a support and maintenance capacity and, therefore, the proposed release will be ad hoc, in line with other maintenance work, to deliver benefits immediately.</p>	
Proposed Release:	Ad hoc	
Proposed Consultation Period:	<input checked="" type="checkbox"/> 10 Working Days	<input type="checkbox"/> 15 Working Days
	<input type="checkbox"/> 20 Working Days	<input type="checkbox"/> Other [Specify Here]

A4: Benefits and Justification

Benefit Description:	<p>Delivery of this change proposal will ensure a gap in the meter read history is not created on a Class 1 and 2 SMP for a new asset once exchanged. In addition, this will prevent the generation of inaccurate estimated readings and actual read rejections, due to tolerance validation failures, following a class change.</p> <p><i>What, if any, are the tangible benefits of introducing this change? What, if any, are the intangible benefits of introducing this change?</i></p>	
Benefit Realisation:	<p>As soon as the change is implemented any asset exchanges processed for Class 1 or 2 SMPs will realise the benefits</p> <p><i>When are the benefits of the change likely to be realised?</i></p>	
Benefit Dependencies:	<p>N/A</p> <p><i>Please detail any dependencies that would be outside the scope of the change, this could be reliance on another delivery, reliance on some other event that the projects has not got direct control of.</i></p>	

A5: Final Delivery Sub-Group (DSG) Recommendations – Removed

(see Section C for DSG recommendations)

A6: Service Lines and Funding

Service Line(s) Impacted - New or existing	SA3: Manage updates to customer portfolio DS-CS SA3 – 06
Level of Impact	Minor
If None please give justification	

Impacts on UK Link Manual/ Data Permissions Matrix	None		
Level of Impact	None		
If None please give justification			
Funding Classes :	Customer Classes/ Funding	Delivery of Change	On-going Budget Amendment
	<input type="checkbox"/> Shipper	XX %	XX %
	<input type="checkbox"/> National Grid Transmission	XX %	XX %
	<input type="checkbox"/> Distribution Network Operator	XX %	XX %
	<input type="checkbox"/> IGT	XX %	XX %
	<input checked="" type="checkbox"/> Other	XX %	XX %
ROM or funding details:	N/A		
Funding Comments:	Funding for this change is secured as part of Technical debt Investment approved in IRC/BP 2021		

A7: ChMC Recommendation – Initial Review

Change Status:	<input checked="" type="checkbox"/> Approve	<input type="checkbox"/> Reject	<input type="checkbox"/> Defer
DSC Consultation Issue:	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No

A8: ChMC Recommendation – Solution Review – Not needed as went straight to Detailed Design

A9: ChMC Recommendation – Detailed Design

Change Status:	<input checked="" type="checkbox"/> Approve	<input type="checkbox"/> Reject	<input type="checkbox"/> Defer
Industry Consultation:	<input checked="" type="checkbox"/> 10 Working Days	<input type="checkbox"/> 15 Working Days	
	<input type="checkbox"/> 20 Working Days	<input type="checkbox"/> Other [Specify Here]	
DSC Consultation Issue:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Date Issued:	17/01/2022		
Comms Ref(s):	2955.7 - MT - PO		
Number of Responses:	None		
Solution Voting:	<input checked="" type="checkbox"/> Shipper	Approve	
	<input type="checkbox"/> National Grid Transmission	Please select.	
	<input type="checkbox"/> Distribution Network Operator	Please select.	

	<input type="checkbox"/> IGT	Please select.
Meeting Date:	09/02/2022	
Release Date:	Release: Adhoc ASAP post approval. Date TBC	

Section C: DSG Discussion

C1: Delivery Sub-Group (DSG) Recommendations

DSG Date:	24/01/2022		
DSG Summary:	JB confirmed that both this change and the next agenda item have been presented at DSG in December. The solution design change packs are out for consultation with customers and are included within the agenda for information.		
Capture Document / Requirements:	<Insert where appropriate>		
DSG Recommendation:	<input type="checkbox"/> Approve	<input type="checkbox"/> Reject	<input type="checkbox"/> Defer
DSG Recommended Release:	Release: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY		

Section D: High Level Solution Options

Stage not used

Section E: Industry Response Solution Options Review

Stage not used

Section F: Approved Solution Option

Stage not used

Section G: Change Pack

G1: Communication Detail

Comm Reference:	2955.7 – MT – PO
Comm Title:	XRN5464 – Technical Debt reduction - Enhancement to asset exchange process for Class 1 and 2 Supply Meter Points
Comm Date:	17/01/2022

G2: Change Representation

Action Required:	For representation
Close Out Date:	31/01/2022

G3: Change Detail

Xoserve Reference Number:	XRN5464
Change Class:	Functional System
ChMC Constituency Impacted:	Shipper Class A; Shipper Class B; Shipper Class C
Change Owner:	James Barlow james.barlow@xoserve.com
Background and Context:	<p>Technical Debt reduction is an internal project managed within Technology Operations under 'UKLink Optimisation'. The core objective is to reduce any technical debt around system, process or resource to effectively utilise these savings towards the fulfilment of UK Link system stability, reduce risk in daily operations and drive operational enhancements as required.</p> <p>Due to the nature of the change, the solution and design are presented together in this Change Pack. For reference the Change Proposal can be viewed here.</p> <p>Where a successful asset exchange request (RGMA flow) is processed for a Class 1 or Class 2 Supply Meter Point (SMP), existing reads associated with the previous asset are cleared from installation date +1 of the new device, up to the processing date of the RGMA file. However, these are not re-populated.</p> <p>This change seeks to enhance the asset exchange process for Class 1 and 2 SMPs, within the CDSP central systems to ensure a gap in the meter read history is not created following a meter asset exchange. In addition, this will prevent the generation of inaccurate estimated readings and actual read rejections, due to tolerance validation failures, following a Class Change.</p>

G4: Change Impact Assessment Dashboard (UK Link)

Functional:	Meter Readings; RGMA transactions
Non-Functional:	None
Application:	SAP ISU
User(s):	Shipper Class A; Shipper Class B; Shipper Class C
Documentation:	None
Other:	None

Files				
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
None	None	None	None	None

G5: Change Design Description

The proposed solution to address the issue raised by XRN5464 is to trigger the process to generate estimated reads for the new meter asset, and issue them to the associated Shipper User and DMSP,

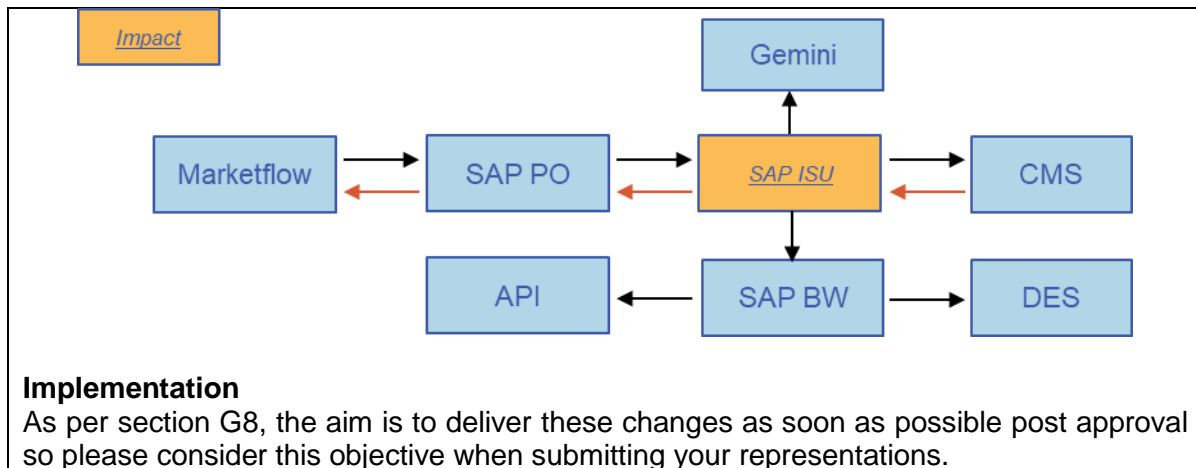
To deliver the proposed solution the change will:

- When processing the RGMA exchange for Class 1 or 2 SMPs, introduce a trigger to re-estimate meter reads starting from the new asset installation date +1 until RGMA processing date.
 - The re-estimation will be based on the volume on D-1 of the new asset installation date
- The estimated reads generated as a result of the new trigger will replace all daily reads held by the CDSP, associated to the removed asset, from the installation date of the new asset
- The estimated reads for the new asset will be issued to the associated Shipper and DMSP through the MDR (record M00) and DDR (record O05) files respectively
 - The read will be issued with a read indicator of 'E' – An estimate
 - For the avoidance of doubt, the issuing of estimated Class 1 and 2 reads is as per existing process, there is no change to read estimation or file formats

As part of the impact assessment it has been verified that this change will not impact any ongoing releases or changes.

Impacted Systems

As per the detail provided above, the only functional area impacted by this change is SAP ISU.



G6: Associated Changes

Associated Change(s) and Title(s):	None
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G7: DSG

Target DSG discussion date:	20 th December 2021
Any further information:	Solution option was discussed, minutes available here , and there were no challenges or objections to the proposed solution.

G8: Implementation

Target Release:	Ad hoc – ASAP post approval
Status:	Awaiting approval

Please see the following page for representation comments template; responses to uklink@xoserve.com

Section H: Representation Response

We received no responses to this change pack.

Version Control

Document

Version	Status	Date	Author(s)	Remarks
1.0	For Approval	22/12/2021	Kiran Kumar	CP Raised
2.0	Approved	18/01/2022	Rachel Taggart	Updated with the outcome from ChMC on 12/01/2022
3.0	With DSG	02/02/2022	Chan Singh	CP updated with discussion from DSG 24 th January 2022
4.0	Approved	14/02/2022	Molly Haley	Detailed design change pack added & approved at ChMC on 09/02/2022