

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

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|---------------------------------|--|--|---|
| Change Reference: | XRN5246 | | |
| Change Title: | Confirmation File (.CNF) Processing Capacity Improvement | | |
| Date Raised: | 24/09/2020 | | |
| Sponsor Representative Details: | Organisation: | Xoserve | |
| | Name: | Max Pemberton | |
| | Email: | max.pemberton@xoserve.com | |
| | Telephone: | 07742623186 | |
| Xoserve Representative Details: | Name: | Rob Smith | |
| | Email: | Robert.c.smith@xoserve.com | |
| | Telephone: | 0121 229 2569 | |
| | Business Owner: | Sue Treverton | |
| Change Status: | <input type="checkbox"/> Proposal | <input type="checkbox"/> With DSG | <input type="checkbox"/> Out for Review |
| | <input type="checkbox"/> Voting | <input checked="" type="checkbox"/> Approved | <input type="checkbox"/> Rejected |

A2: Impacted Parties

| | | |
|--|---|---|
| Customer Class(es): | <input checked="" type="checkbox"/> Shipper | <input checked="" type="checkbox"/> Distribution Network Operator |
| | <input type="checkbox"/> NG Transmission | <input checked="" type="checkbox"/> IGT |
| | <input type="checkbox"/> All | <input type="checkbox"/> Other <Please provide details here> |
| Justification for Customer Class(es) selection | <p>Impact to Shippers relates to the ability to submit higher volumes of confirmations in one day than is possible at the moment. This generates equal volumes of response transactions throughout the confirmation process, both to the submitting Shipper and to the Outgoing shipper</p> <p>Potential Impact to Networks and IGTs in the increased number of outgoing transactions than might normally be received, and the higher speed at which large portfolio changes could be made, in turn impacting credit management</p> | |

A3: Proposer Requirements / Final (redlined) Change

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| <p>Problem Statement:</p> | <p>The current confirmation processing capacity of UK Link (SAP-ISU), and linked downstream deadline monitoring actions do not meet the demand being requested of them.</p> <p>More frequently recently, and perhaps further exacerbated by the COVID-19 pandemic and it's effect on the economy, we have seen an increase in instances of acquisitions, mergers and SOLR and other portfolio movement activity – such as Shipper Short Code realignment and rationalisation. In order to correctly follow process, these events all require large scale confirmation transactions to be submitted and processed.</p> <p>This currently requires detailed manual planning between parties involved and is typically at a rate much lower than would be aspired by requesting party. The number of concurrent projects of this nature that can be accommodated is also limited.</p> <p>The delay often has consumer and commercial impacts to the requesting party. This can manifest as consumer frustration and uncertainty during an elongated period of transition, or to the organisation in unwanted extension of commercial contracts, or management time required to oversee and manage the activities involved in performing the confirmation process. In a SOLR event it creates additional uncertainty, community risk, etc.</p> <p>Current forecasts for coming months indicate a significant demand on the processing capacity with little flex remaining for unforeseen or planned events. Even at current demand levels, technical teams have to monitor and apply time to managing jobs to ensure completion within timeframes</p> <p>Where the system encounters higher demand than is catered for, it can result in the over-running of jobs or in the worst case require the termination of jobs. It is worth noting that the processing demand is not limited to the processing of confirmation but to other concurrent or dependent jobs hence have a severe knock on impact to other UK Link based processes, and receiving processes such as the onward submission of information to Gemini, which is time critical.</p> |
| <p>Change Description:</p> | <p>A POC has been completed to the processing jobs in UK Link to tune the processing job sufficiently to double the effective capacity, therefore allowing higher volumes of transactions to be completed within one day</p> <p>Further work is required to complete a full impact analysis of the effects this increase might cause – both to the file flows directly associated with the confirmation, but equally on other related downstream activity, such as the provision of meter reads, AQ calculations, Gemini and Invoicing.</p> <p>Following successful analysis, an assessment can be made as to the benefit value and appetite for changes to be commissioned.</p> |

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| Proposed Release: | Release: Feb/Jun/Nov XX or Adhoc DD/MM/YYYY | |
| Proposed Consultation Period: | <input type="checkbox"/> 10 Working Days | <input type="checkbox"/> 15 Working Days |
| | <input type="checkbox"/> 20 Working Days | <input checked="" type="checkbox"/> Other N/A |

A4: Benefits and Justification

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| Benefit Description: | <ul style="list-style-type: none"> • Reduces manual management effort involved in processing jobs and monitoring (Xoserve Tech Ops) • Reduces manual effort in managing the plan (Xoserve Customer Team and Involved Shipper organisations) • Reduces the time required to perform portfolio transfer in cases of SOLR – improved consumer experience and reduced community risk • Reduces the likelihood of unexpected events (i.e. unanticipated additional demand) causing a severe impact to Confirmation and other UK Link Processes • Reduces the costs involved for shipper organisations associated with the direct and indirect costs of sustaining a change programme <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>Following implementation</p> <p><i>When are the benefits of the change likely to be realised?</i></p> |
| Benefit Dependencies: | <p>None Identified at this time</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

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| Service Line(s) Impacted - New or existing | Service Area 1: Manage Shipper Transfers No impact to service lines. |
| Level of Impact | Major/ Minor/ Unclear/ None |
| If None please give justification | |
| Impacts on UK Link Manual/ Data Permissions Matrix | |
| Level of Impact | Major/ Minor/ Unclear/ None |

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| If None please give justification | | | |
| Funding Classes : | Customer Classes/ Funding | Delivery of Change | On-going Budget Amendment |
| | <input checked="" type="checkbox"/> Shipper | 100 % | XX % |
| | <input type="checkbox"/> National Grid Transmission | XX % | XX % |
| | <input type="checkbox"/> Distribution Network Operator | XX % | XX % |
| | <input type="checkbox"/> IGT | XX % | XX % |
| | <input type="checkbox"/> Other <please specify> | XX % | XX % |
| ROM or funding details: | | | |
| Funding Comments: | | | |

A7: ChMC Recommendation – Initial Review

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| 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

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|-------------------------|--|---|--------------------------------|
| 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: | 14/06/2021 | | |
| Comms Ref(s): | 2839.3 - RT - PO | | |
| Number of Responses: | 2 Approval representations | | |
| 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: | 07/07/2021 | | |
| Release Date: | Release: TBC | | |

A9: ChMC Recommendation – Detailed Design

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| Change Status: | <input type="checkbox"/> Approve | <input type="checkbox"/> Reject | <input type="checkbox"/> Defer |
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|-------------------------|--|---|
| Industry Consultation: | <input 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 type="checkbox"/> Yes | <input type="checkbox"/> No |
| Date Issued: | Click here to enter a date. | |
| Comms Ref(s): | | |
| Number of Responses: | | |
| Solution Voting: | <input type="checkbox"/> Shipper | Please select. |
| | <input type="checkbox"/> National Grid Transmission | Please select. |
| | <input type="checkbox"/> Distribution Network Operator | Please select. |
| | <input type="checkbox"/> IGT | Please select. |
| Meeting Date: | Click here to enter a date. | |
| Release Date: | Release: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY or NA | |

Section D: High Level Solution Options

D1: Solution Options

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|--------------------------|---|
| Solution Option Summary: | <p>Overview XRN5246 – Confirmation File (.CNF) Processing Capacity Improvement proposes to make a change to the current limit of confirmations that can be processed by the CDSP system daily without the need of manual intervention and monitoring</p> <p>The Change Proposal can be found here.</p> <p><u>Change/Solution Overview</u></p> <p>Currently the automated confirmation workflow in the CDSP SAP ISU application can process 46k confirmations daily. This value can be increased to circa 80k with the introduction of manual intervention, and monitoring. To support the sustained requirement in the market for this increased capacity there is also a need for significant planning to be undertaken to ensure no dependent or downstream process impacts as a result of this manual intervention.</p> <p>In order to enhance this process some analysis has been undertaken to identify means of improving the number of automated confirmations that can be completed daily.</p> |
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| | <p>This analysis resulted in a potential solution that was taken through a Proof of Concept (PoC) to ascertain suitability and potential improvements to the current numbers.</p> <p>The system changes used for the PoC related specifically to the deadline monitoring functionality of the Confirmation workflow and replacing it with event monitoring.</p> <p>Event Monitoring capability is currently used for the referral process within SAP ISU and provides significantly better performance.</p> <p>Output from the PoC demonstrated that using Event Monitoring instead of Deadline Monitoring resulted in 85k (70% increase) of automatic Confirmations being processed daily.</p> <p>Further enhancements can be achieved; however, this would again require detailed planning, manual intervention and continual monitoring to achieve.</p> <p>The changes identified as an output from the PoC are of a technical nature and limited to the CDSP application only. There is no requirement for Customers to make any changes to their systems to facilitate delivery of this change.</p> <p>HLSO</p> |
| Xoserve preferred option: (including rationale) | Option 1 is preferred as per the HLSO. |
| DSG preferred solution option: (including rationale) | Will be presenting to DSG on 21/06/2021 |
| Consultation closeout: | 28/06/2021 |

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| Impact on Service Line(s) and funding (A6) for each Solution Option: | Service Area 1: Manage Shipper Transfers No impact to service lines. |
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Section E: Industry Response Solution Options Review

E1: Organisation's preferred solution option

| | | |
|---|---------------|--------------------------------|
| User Contact Details: | Organisation: | EDF |
| | Name: | Eleanor Laurence |
| | Email: | eleanor.laurence@edfenergy.com |
| | Telephone: | 07875117771 |
| Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc. | Approve | |
| Implementation Date: | Approve | |
| Xoserve preferred solution option: | Approve | |
| DSG preferred solution option: | Approve | |
| Publication of consultation response: | N/A | |

E2: Xoserve's Response

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| Xoserve Response to Organisations Comments: | Thank you for your representation, we will feed this into ChMC for a final decision. |
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E1: Organisation's preferred solution option

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|---|---------------|-------------------------------|
| User Contact Details: | Organisation: | Scottish Power |
| | Name: | Helen Bevan |
| | Email: | Helen.Bevan@scottishpower.com |
| | Telephone: | 01416145517 |
| Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc. | N/A | |
| Implementation Date: | Approve | |

| | |
|---------------------------------------|---------|
| Xoserve preferred solution option: | Approve |
| DSG preferred solution option: | Approve |
| Publication of consultation response: | N/A |

E2: Xoserve' s Response

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|---|--|
| Xoserve Response to Organisations Comments: | Thank you for your representation, we will feed this into ChMC for a final decision. |
|---|--|

Version Control

Document

| Version | Status | Date | Author(s) | Remarks |
|---------|----------|------------|----------------|---|
| 1.0 | With DSG | 09/10/2020 | Jai Le Resche | Updated with ChMC outcome from the meeting on 7 th October |
| 2.0 | Approved | 09/07/2021 | Rachel Taggart | Solution Review Change Pack added Updated with the outcome from ChMC on 07/07/21 |