



UK Link Cloud Programme

October 2021

UK Link Cloud Programme Update

- The programme of work to migrate the UK Link platform to the cloud is progressing well with build and test activities continuing to plan
- Our initial rounds of functional, performance and penetration testing have been completed
- The build of the target production environment is underway which will be followed by further testing phases and dress rehearsals to commence in November
- UK Link portal development and testing also progressing to plan. In addition business change activities such as the cloud operating model and associated cutover activities are in progress
- The one area that has been a challenge has been in the migration of the data in an appropriate time frame, to limit customer impact

Data Migration

- As part of the transition process we need to migrate approximately 26TB of ISU data during our outage window using an SAP approved migration process
- Initial tests took over 120 hours to successfully complete the migration, we did not anticipate the activity to take this period of time
- Substantial refining and re-testing of the process has been carried out and this time has reduced to 62 hours
- In order to provide sufficient time during the transition window to complete all activities and ensure a successful transition we are working to understand what this means on a process by process basis. Planning indicates that this could take place on the UK Link system over a four day period (Fri-Mon) during mid February 2022. We are still fully assessing to minimise impacts
- Whilst this option is viable, we have also sought to identify a range of alternate migration approaches in order to provide a range of options
- Only one viable alternate approach has been identified – a proprietary migration approach that would be conducted by SAP and is described on the following slide

Data Migration

- SAP have offered a solution which will allow us to carry out the needed data migration and associated activities over a single weekend therefore reducing the impact to customers
- This approach has been utilised successfully for many large scale SAP migrations and has required Xoserve to engage SAP directly to work with us to execute.
- The approach involves a number of test cycles and dress rehearsals to provide confidence in the process & technology the first of which is due to complete at the end of October. In order to build, test and assure this process we would need to target a go live cutover date of 12/13th March 2022
- This timeline brings MTC project very close to the currently proposed start of CSS transition activities which with current timelines are due to commence on 26th March
- On that date Xoserve and other Parties Under Integration (PUIs) will need commence a number of key activities in support of the central programme including the provision of a Data Extract from UK Link and bringing an outbound API live
- Testing, dress rehearsals and transition will therefore be done in alignment with the Xoserve CSSC programme to ensure any risk to their transition activities is understood and mitigations are in place

Data Migration - Summary

The reason for presenting this information is to talk you through the two migration options open to us and to keep you informed as we progress with our analysis

- We are doing our utmost to find the best window to implement prior to CSS Go Live. It will be much harder to implement post CSS
- We are supporting CSS performance and migration testing activities and these require ISU to be in the cloud to adhere to the Programme performance and non-functional requirements
- To not implement would increase costs for both Programmes as we would incur further licencing costs as well as the continuation of Programme teams
- It would also be much harder to secure an implementation window within an Industry release cycle as it would have to be approved via both REC and DSC
- We are continuing conversations with Ofgem and DCC in relation to the Switching Programme Go Live date. It should be noted the Central Programme is currently consulting with industry (from October 1 - 22) on the planned Transition and Go-Live. Xoserve will be submitting it's views and preferred range of dates that minimise impact to its customers. The final date for CSS Go Live will not be announced until January 2022

Data Migration - Summary

We will continue to analyse both options throughout October to understand the best migration solution. We will provide checkpoint updates to confirm the following:

- Confirmation of successful test cycle for the SAP solution
- Mitigation options to support CSSC data export transition activities at the end of March should there be any issues with the move to cloud
- Combined dress rehearsal and transition plan for move to cloud and CSSC cutover

We would therefore be in a position to share a proposed go live date and solution by w/c 1st November