DSC Change Completion Report (CCR)

Change Title	Gemini Replatform
Change reference number (XRN)	XRN4550
Xoserve Project Manager	Steve Butler
Email address	Steve.butler@correla.com
Contact number	0121 229 2665
Target Change Management Committee date	13/04/22
Date of Solution Implementation	05/07/20

Section 1: Overview of Change Delivery

Following the completion of a health assessment of Gemini, National Grid selected the option to replatform the system onto a private cloud solution.

In parallel to this assessment, Xoserve undertook a review of its Data Centre Strategy and chose to exit from two of its data centres with all elements being migrated to a new Platform As A Service model. Hence Gemini Replatform was delivered as part of the wider DCExit programme.

The programme was delivered in a number of streams with each element following the Waterfall project management methodology. The replatformed Gemini system was implemented on 5th July 2020 with the legacy system being decommissioned Autumn/Winter 2020.

Section 2: Confirmed Funding Arrangements

Gas Industry Participant	BER Share of Cost	Actual Share of Cost	BER Cost Value	Actual Cost Value
Shippers:	0%	0%	£0	£0
IGTs	0%	0%	£0	£0
DNOs	0%	0%	£0	£0
Transmission	100%	100%	£9,300,000	£7,759,626.73
DN's & IGT	0%	0%	£0	£0

Section 3: Provide a summary of any agreed scope changes

- Early Environment handover for GB Charging Usage = £28,620
- UAT Extension = £9,288
- PET/KET Datacentre extension = £274,559
- Oracle Licence extension = £164,012
- XP1 Migration delays = £19,580
- Feltham/Milharbour connectivity delays = £6,335
- Decommissioning delays = £13,061

Section 4: Detail any changes to the Xoserve Service Description

None

Section 5: Provide details of any revisions to the text of the UK Link Manual

None

Section 6: Lessons Learnt / Key Points

Stage	Topic	Lessons learned / suggestions
Design & Planning	Planning	The review and approval cycles were challenging due to the large number of stakeholders and documents. Future mitigation and approach to be discussed. Need to further challenge & reduce the large volume of deliverables and requirements from stakeholders identified in the RACI. Over 150 stakeholders were initially identified.
UAT	Testing	To hit the fixed implementation schedule, it became necessary to run multiple project phases (SIT, UAT, OAT, PT & Implementation Planning) in parallel. This caused additional challenges and pressure on the teams as normally each stage would be completed before the next started. While it is sometimes necessary to run stages in parallel, this should be avoided where possible.
All	COVID	The plan was executed to time and quality by approximately 50 people working from home & international locations due to the Covid-19 restrictions. Whilst it is preferable for teams to operate from a small number of offices, it is possible to collaborate and deliver from multiple home locations
External Connectivity Testing	Testing	The Citrix testing missed some usability issues for the Industry. It is recommended to extend the scope of Citrix testing for future changes and ensure that the testing approach includes external testing to identify and prove the external user experience.

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Document Version History

Version	Status	Date	Author(s)	Summary of Changes
0.1	Draft	4/10/21	Steve Butler	Created
0.2		31/1/22	Hannah Reddy	Review
1.0		10/03/22	Hannah Reddy Andy Simpson	Updates following internal review

Template Version History

Version	Status	Date	Author(s)	Summary of Changes
2.0	Approved	17/07/18	Rebecca Perkins	Template approved at ChMC on 11th July
3.0	Approved	19/12/18	Heather Spensley	Moved onto Xoserve's new Word template in line with new branding