



DSC Business Evaluation Report (BER)

Change Title	Gemini Change Programme Sustain
Xoserve reference number (XRN)	5368
Correla Project Manager	Rachel Addison
Email address	rachel.addison@correla.com
Contact number	0121 229 2528
Target Change Management Committee date	13 th April 2022

Section 1: In Scope

Change Proposal 5368 contains 7 main requirements. The key area of focus is to sustain and optimise the Gemini Platform by addressing some of the pain points identified by National Grid and wider industry customers. The BER seeks sanction for:

REQUIREMENTS	HIGH LEVEL DESCRIPTION
Single Sign On	Addressing a primary industry pain point, provide a single sign-on experience by integrating Citrix and Gemini credentials with a single identity management solution. Introduction of Multi factor Authentication method along with Gemini Citrix access over internet replacing existing XP1 contingency mechanis
Enhanced API platform	Upgrade the API portal and automate extracts and formatting avoiding the need for CSV files, to address an industry pain point
Batch Processing Review Review	Control-M service provision and vendor recommendations (from recent contractual review negotiations) to simplify and improve performance
Test Automation	Building on this approach and FY20/21 successes, the sustain roadmap will further support automated testing activities via the tool of choice, TOSCA
Workflow Automation Feasibility and Analysis	A detailed review of Gemini system efficiency to scope areas where greater system automation can be implemented
BP22 Mobilisation	Review and prepare proposed delivery of continued works under BP22 for FY22/23
SiteMinder upgrade	Critical upgrade to SiteMinder to ensure resilience and maintain licencing and vendor support

The original BER with a value of £908,277 was approved at the August 2021 ChMC meeting. This adjusted BER is being submitted to seek approval for additional funds needed to deliver a scope variation to the Single Sign On (SSO) workstream.

Given the criticality of the application it is recommended that internet facing applications need protection from Distributed Denial of Service (DDoS) attacks and other malicious activities targeted at the application from the internet. Hence, National Grid have requested that a Web Application Firewall (WAF) & DDOS solution be implemented as part of the SSO workstream

Section 2: Out of Scope

- Delivery of any process automation is out of scope and so would require re-sanction should National Grid wish to progress with solution options identified at the end of the Feasibility and Analysis Phase
- Development of new APIs as part of API Platform Enhancement
- Implementation of a new Batch Processing Tool
- Any user ID validation and housekeeping as part of Single Sign On

Section 3: Funding required to deliver the change

The following section outlines the proposed costs

XRN Ref	HLSO £	Design EQR	Build £	Test £	Implementation PIS £	MT £	1st Year MTB £	Delivery Total	CSSC Impact £	Risk Margin £	BER Total for Approval £	Shipper £	DN £	IGT £	NTS £	Total
5368	NA	NA	TBC	TBC	TBC	TBC	NA	£1,157,087	NA	£ 31,500	£1,188,587	NA	NA	NA	£1,188,587	£1,188,587

Key

Item	Description
XRN	The recognised reference of the change
HLSO	Cost of approved solution
Design EQR	Cost already approved in the related EQR. If BER is being done for standalone release and no EQR was published, leave blank
Build	Costs associated with building functional changes
Test	Is a total of all testing (other than MT) to includes UAT, System Test, System Integration Test, Regression Test and Performance Test
Market Trials	Costs associated with Market Trials - if none required for the XRN, the field is left blank
MTB	Costs associated with additional to MTB through to end of the Financial Year
Delivery Total	Total costs per XRN minus related EQR costs, risk margin and contingency
Risk Margin	Costs associated with the mitigation of known risks relating to each XRN should they materialise during the project
BER Total for Approval	Total costs per XRN minus related EQR costs (inclusive of risk margin and contingency) being requested for approval in ChMC
Shipper %	% of costs being funded by Shippers
DN %	% of costs being funded by DNs
IGT %	% of costs being funded by IGTs
NTS %	% of costs being funded by NTS
Shipper £	Costs being request for approval via BER (BER Total for Approval * Shipper % Share)
DN £	Costs being request for approval via BER (BER Total for Approval * DN % Share)
IGT £	Costs being request for approval via BER (BER Total for Approval * IGT % Share)
NTS £	Costs being request for approval via BER (BER Total for Approval * NTS % Share)
Total	Sum of all costs related to each change

Section 4: Estimated impact of the service change on service charges

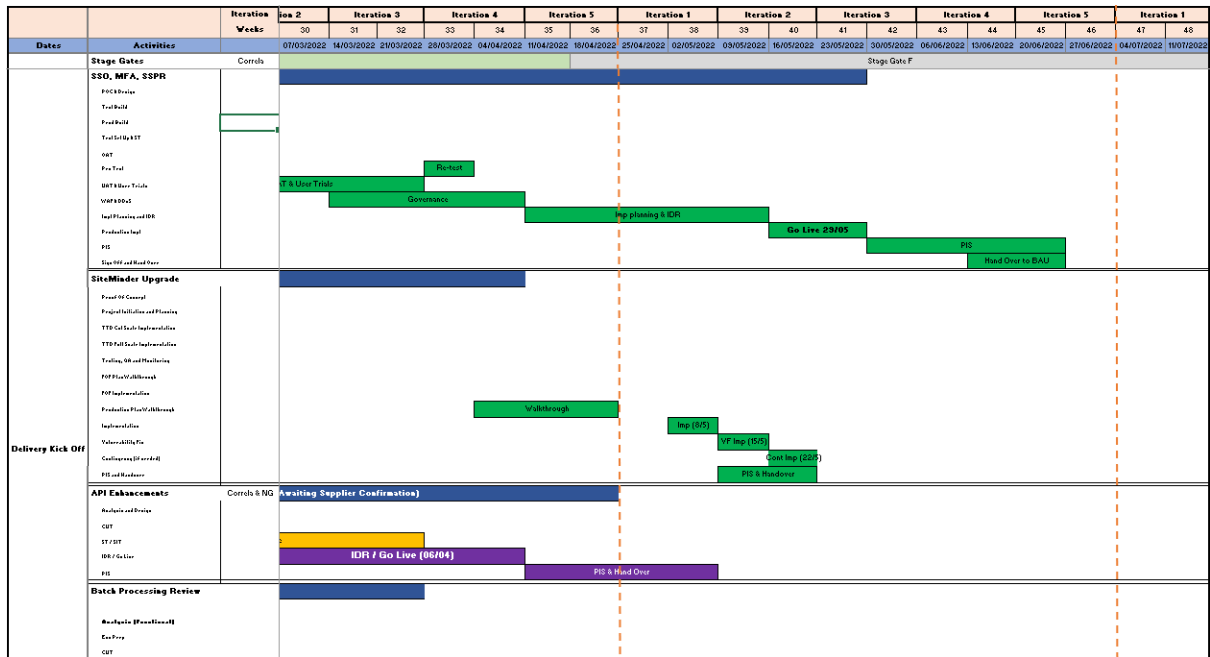
Impacts to Ongoing Costs:

XRN	Xoserve Service Area & Line	Impact	(+/-) Projected Change in Annual Cost
5368	Gemini Service line 20 (UK Link Gemini System Services –Technical Changes) (Estimated)	Technical Operations	+£181,500
Total			£181,500

- Please note: Above mentioned price is subject to change and dependent on the completion of the solution design for the SSO change variation. Current projected change listed above is based on the maximum estimated increase expected per annum.
- Please note: The following Gemini Service Lines are required to be considered and re-visited as part of this BER:
 - Service Area 14 (Gemini Services)
 - Service Line 77
 - Service Line 78

Section 5: Project plan for delivery of the change

High Level Timeline:



Section 6: Additional information relevant to the proposed service change

Risk Margin

XRN Ref	Risk Margin	Description
5368	£31,500	Change to requirements, Cost Estimation validation where applicable, potentials delays, technical impact assessment validation and any potential requirements for additional resources to support delivery of the solutions.

- Availability of sufficient suitably skilled National Grid resources to provide support throughout the project lifecycle.
- Availability of sufficient, suitably scaled development and testing environments. Relative priorities will need to be agreed with other projects if and when there are areas of conflict.
- An extended outage may be required when deploying the system changes into the Gemini system. This will be longer than the standard Sunday system outage and will need to be approved via ChMC.
- A number of the Business Requirements being delivered by this project have originated with users of the system. Correla on behalf of Xoserve will work with National Grid to develop a communication plan to share details of the changes being made.
- A period of User Trials has been included for some of the streams (SSO & API Platform enhancement) in the delivery plan. It is assumed external parties will participate in this phase in order to verify the system changes.

Please send completed form to: box.xoserve.portfoliooffice@xoserve.com

Document Version History

Version	Status	Date	Author(s)	Summary of Changes
0.1	Draft	28/06/2021	Manisha Bhardwaj	For internal review
1.0	For Representation	29/06/2021	Manisha Bhardwaj	Draft internal review (To be reviewed by NGG)
1.1	For Representation	26/07/2021	Manisha Bhardwaj	For re-presentation at ChMc post internal review
2	For Representation due to resanctioning	23/03/22	Hannah Reddy / Rachel Addison	For re-presentation at ChMc post 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 11 th July
3.0		23/06/2021	James Rigby	Table added to section 1 More detailed table in section 3 More detailed table in section 4 Inserted a project plan example in section 5 Table added in section 6