Gemini Sustain Plus Update

NTSCMF – September 23

Background to Gemini

What is Gemini?

Gemini is a suite of online applications owned by National Gas Transmission and is used in the management of transportation of gas through the Transmission pipelines.

Gemini is a commercial application covering essential gas market processes including:

- Capacity Management

- Capacity Trading

- Commercial Balancing

- Invoicing

Background to Gemini Sustain Plus

National Gas Transmission submitted a Change Proposal (XRN5564) to undertake a significant upgrade of the Gemini application.

- The Programme is known as Gemini Sustain Plus and its purpose is to modernise the Gemini Platform

- It will enable delivery of change more efficiently

- It will improve the Customer experience, and address some of the previously raised pain points

- It is scheduled for delivery September 2024

Scope of Delivery - Gemini Sustain Plus

The scope of delivery will include

- Conversion of all the current Gemini functionality and code into modern (Java Microservices) code

- Delivery of existing functional requirements, and taking opportunity to deliver enhanced and new functionality to reflect customer feedback and changing commercial markets

- Enhancing the User Interface experience reflecting modern technology

- Consolidation and re-design of Gemini screens

- Implementation of Azure cloud infrastructure components (including replacing the current Oracle database)

- Improvements to the support service arrangement to respond better to incidents and change

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What are we doing?

- Gemini will be moved to the Azure Cloud and the Gemini system code will be transformed into microservices

- Interfaces will be reviewed and where appropriate will change from flat file to APIs

- The Gemini system will be given a new updated User Interface with Gemini and Gemini Exit being merged with functional changes that address user Pain Points

- Currently there is a housekeeping window each morning when users can't access Gemini, the new technology will allow the Gemini system to become a 24/7 system

What next?

We really want to encourage Customer engagement on this programme and encourage your involvement in:

- **Focus Group starting 25 September 2023** – There will be a dedicated Focus Group to discuss the programme and we strongly encourage all companies that use Gemini to attend.

  - The series of Focus Groups will provide valuable insight to operational and technical developments within the programme including demonstration of screen changes / improvements, enhanced user experience and technical updates as part of the delivery. **Details and invitation to participate have been issued and can be found at Gemini Sustain Plus**

- **Xoserve XRN5564 and Dedicated webpage** - there is a dedicated webpage Gemini Sustain Plus with FAQs etc., this will develop over the course of the programme

  Updates will be given to the ChMC, and Transmission Workgroup.

FAQ

What impact will there be on interfaces?

- It is intended to have no impact to the existing Gemini incoming and outgoing interfaces to the Industry. Some new API interfaces will be made available for use.

Will there be training?

- Yes, this will take place Q2, 2024 and we encourage all companies using Gemini to participate

Will there be market trials?

- Yes, this will take place Q2, 2024 and we encourage all companies using Gemini to participate

Will there be functional change?

- There is some functional changes which is in response to pain points raised by customers, i.e. the look and feel of the system as well as bringing together Entry and Exit Capacity

Thank you

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