

Gemini System Enhancements

Introduction

This document provides a brief description of each of the 21 requirements listed in the Change Proposal for CP5122 Gemini System Enhancements.

Requirements

The requirements have been grouped by topic areas hence they are not in numerical order.

Security

BR1 – User ID Deletion

Requests have been received to review the process and time taken to delete a user account.

BR2 – User ID Password Reset

Requests have been received to review the process for password resets. Currently this has to be requested by a registered LSO.

BR22 – User ID Password Expiry

Gemini users have two passwords – one for Citrix and one for Gemini itself. Both passwords have an expiry period however they are not in synch which is frustrating for users.

BR46 – Removal of Reliance on Siteminder

This is a technical change that looks at updating the security component of the system.

Performance

BR3 – Performance Optimisation

Concerns have been raised regarding the performance of the system in particular running queries in various report screens.

APIs

BR7 – BA Balance API

Request for an API for Business Associate Balance. Currently there is an API called “Shipper Preliminary Balance “

BR10 – New APIs

Requests have been received for new APIs in relation to:

- Bid information for IP locations
- Shipper Imbalance screen

- Allocations

BR11 – API Standardisation

There are a number of APIs available for Entry Capacity that have a similar API in Exit Capacity however the data items aren't in exactly the same order. There are users who wish to merge the output of the corresponding APIs the sequencing of the data items makes this more time consuming.

BR12 – API Documentation

Feedback has been received that the documentation published in relation to APIs is very technical and isn't the easiest to understand.

BR13 – API Enhancements

Feedback has been received that extra data items would be useful within the existing APIs.

BR14 – Web Services

APIs are accessed using the IX. There is the potential for providing an equivalent to the API service using web services across the internet.

Balancing/Capacity

BR5 – Optimise Query Criteria

Feedback has been received regarding the process of selecting query criteria in various screens and the number of fields that have to be selected/populated.

BR8 – Entitlement Screen Optimisation

Feedback has been received regarding the time this screen takes to return results when search for ranges of dates. Also, how the query criteria works for this screen and the process of drilling down to lower level data.

BR15 – Dashboard

Feedback has been received that Entry Capacity data is held in Gemini while Exit Capacity data is held in Gemini Exit and there isn't a simple way to see the data together. The proposal is to look at options for a Dashboard that brings together data from key processes.

BR21 – Shipper Imbalance Report

Request for a new report in relation to Shipper Imbalance. Feedback is that currently the user needs to look through several screens in order to find the necessary information.

BR26 – OCM/OTC Trades

Request for improvements in relation to OCM/OTC Trades including the ability to easily distinguish between NBP Trades and Entry/Exit Nominations.

BR39 – Query Criteria Standardisation

Feedback has been received that there are differences in how query criteria is presented across various screens e.g. date format.

BR41 – Locational Trades at IPs

Request for facility to place locational trades at IPs.

BR42 – NTS Entry and Exit Meters Report

Request for a reporting facility in relation to entry and exit meters.

BR43 – Capacity Amendment Report (Exit)

Request for a Capacity Amendment reporting facility.

BR47 – Internal NG Auction Automation

National Grid are looking to automate certain aspects of the auction process that are currently manual including some offline processes.