

SERVICE HOTLINE

Number: 010/2025
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Designation: Head - Bonds, Currencies and Interest Rate Derivatives

NUTRON REPO REPORTING REFORM PROJECT – GENERAL UPDATE AND UPDATED API SPECS

February 2025 Update 1

This notice provides a general update on the **Nutron Repo Reporting Reform Project**.

Updated API Specification

The API Document has been updated and tracked with the relevant changes. The API Document, Version: 3.1 Rev.18, dated 11 February 2025 can be accessed by clicking on the following link: [Bond Repo API Spec](#) under the heading “Next Functional Release”.

Conformance Test

A reminder, all impacted Software Providers and Own Solutions Developers that conformance tests need to be passed by Friday, **7 March 2025**.

The purpose of conformance testing:

- For Software Providers and Own Solution Developers to make sure their trading software is compatible with the JSE trading system API.

Client User Acceptance Testing

As from Monday **10 March 2025**, the Nutron Bonds/IRD Customer Test Environment (CTS) will be available to all market participants to download, begin connectivity and commence full functional client user acceptance testing. Market participants will have until Friday, **25 April 2025** to complete their client UAT.

MARKETS / SERVICES:

- Equity Market
- Equity Derivatives Market
- Interest Rate Derivatives Market
- Currency Derivatives Market
- Commodity Derivatives Market
- Bond Market
- Bond ETP Market
- JSE Broker Deal Accounting (BDA)
- Real Time Clearing (RTC)
- Colocation
- International Access Point (IAP)
- EOD Information Subscribers
- Live Information Subscribers

ENVIRONMENT:

Production

ADDITIONAL INFORMATION:

If you have any queries about this announcement, please contact the Client Service Centre on +27 11 520 7777 or CustomerSupport@jse.co.za

Members who actively trade repos, will be mandated to participate in client UAT and provide sign off based on the following.

The purpose of client UAT is:

- Market participants to ensure sufficient testing is conducted in line with BAU activities,
- Perform regression Testing: Test existing trading functionality (e.g. Repo Buy/Sell Backs, Cash bonds and Interest Rate Derivatives trading functionality)
- Test the new bond repo trading functionality of classic and triparty repos. This is only applicable to all members that will be using the new functionality.

Connectivity Details

Trading Members and all Software Providers can download the Customer Test Environment (CTS) Nutron Version at: <https://clientportal.jse.co.za/tools/nutron-api-files>. (Nutron Test Repo v05048)

The IRD Customer Test Environment (CTS) Nutron connectivity details are as follows:

IP Address: 196.216.153.101

Port: 2269

Market Dress Rehearsal and Go-live Dates

Members are mandated to successfully participate in one of the following Market Dress Rehearsals (MDR):

- Market Dress Rehearsals:
 - Saturday, 29 March 2025
 - Saturday, 12 April 2025
- Go-live prep weekend: Saturday, 17 May 2025
- Go-live date: Monday, 19 May 2025

The purpose of MDR's:

- This is not a full functional test, but rather a connectivity test.
- Members are required to successfully connect to the new IRD Nutron environment and to book trades, either against other members or to clients.
- Sign off will be required via email upon successful participation (connectivity and testing) in one MDR.

An information sheet will be issued to the market by the end of February 2025, giving more details on the client user acceptance testing and upcoming dress rehearsals.

Please use the following link to access all documentation related to this project: [Nutron Repo | JSE Client Portal](#)