

## REGRESSION TESTING AND DRESS REHEARSAL INFORMATION SHEET - STT UPGRADE

This testing guide is intended to remind market participants of the key technical details and requirements for regression testing. The intention of the regression test cycles is for:

- Market participants to ensure all trading, post trade functionality and market data publication in these markets works as expected.
- Clients to ensure sufficient testing is conducted in line with BAU activities.

### Important to consider:

- New technology is fully backward compatible with the current version of the Nutron front end and API.
- Regression testing will follow a cyclical approach with intervals in between to allow for data refreshes of the Customer Test environment (CTS).
- Connectivity and regression testing for all market participants has commenced and will continue for the remainder of H1 2023.

### Trading Members, Software Providers, and Information Subscribers

#### Customer Test Environment (CTS) Times

- The CTS environment is available from 09h00 until 16h00 for clients to perform regression testing (all trading and deal management activity).
- The JSE will commence with End of Day activities for all markets after 16h00.

#### CSDP and Strate participation in Testing

- CSDPs to participate in testing by committing or uncommitting to trades as required by the JSE.
- CSDPs to advise Strate and JSE of any rejections or errors on their side.
- Strate to participate in testing by troubleshooting any errors, rejections from JSE or CSDP as applicable.
- Strate to run settlement each day during testing.

#### Connectivity Details

- Trading Members and all Software Providers can download the Customer Test Environment (CTS) Nutron Version at: [Nutron API Files | JSE Client Portal](#)

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

**IP Address:** 196.216.153.101  
**Ports:** CDM 2210  
IRD 2269

#### Test Reference Data

- The test reference data will be as per current production data, and if post the first test cycle key test accounts are missing, clients are advised to send a request to [CustomerSupport@jse.co.za](mailto:CustomerSupport@jse.co.za) requesting the loading of these client test accounts.

## CTS Code Drop and Data Refresh Dates

- Clients are advised that during a test cycle, the Customer Test Environment will be upgraded to the new code base and the CTS environment with the Production code base will not be available during the test cycles.

Upgrade Testing Cycle	Date
Code Drop and Data Refreshes	29 May – 2 June

## Clearing Member Testing:

As a result of the delays experienced during the clearing member testing an additional cycle of testing has been scheduled to allow all clearing members the opportunity to complete regression testing.

In order to participate in this cycle clearing members will be required to complete an environment restore in their test environments on 10 May with EOD data as at 9 May 2023.

The testing cycle will officially start on 15 May 2023. The detailed timeline will be sent directly to clearing members in the updated clearing member testing guide.

Please see the below calendar for the notable dates for the upcoming clearing member testing

### May

Mon	Tues	Wed	Thurs	Fri
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29	30	31		

May	
	Issue Resolution
	Clearing Member testing cycle begins
	Restore EOD date
	Restore activities

### June

Mon	Tues	Wed	Thurs	Fri
			1	2
5	6	7	8	9
12	13	14	15	16
19	20	21	22	23
26	27	28	29	30

June	
	Clearing Member testing cycle continue
	Open week – no planned activities
	System restore IT prep IMC
	Restore EOD date IMC
	Restore activities IMC
	EOD Balancing IMC
	IM test