JSE Market Data Connect

"Your way to connect with our team for your JSE market data needs"

December 2020: Project Overview and Phase 1 (reporting) demonstration



Presenters : Neil Vendeiro (JSE) Mark Bird (DataBP)



- JSE Market Data Connect Overview (All Clients)
- Project Overview (All Clients)
 - Reporting
 - Onboarding and Licensing
 - Subscription Requests and Approvals
 - Additional Self-Service
- 5 minute pause:
 - Leg stretch and attendees that aren't impacted by phase 1 brief and demo can leave
- Reporting Portal Presentation + Demo (Reporting Clients only)
 - Licenses and Quantities
 - Authorized Clients
 - Assets Under Management
 - Future enhancements: Locations



JSE Market Data Connect Overview

"Your way to connect with our team for your JSE market data needs"

Presenters:
Neil Vendeiro (JSE)
Mark Bird (DataBP) supporting





In the interest of providing you with an enhanced and seamless client experience, the JSE decided to embark on a digital transformational journey to digitize a number of Market Data ("MD") business processes.

The goal is for you to have a simple and intuitive experience in dealing with the JSE on all your market data needs, from data product subscription and data licensing, to reporting (if applicable).

We will be making use of a mature industry leading solution, currently used by a number of (international) data providers and clients, but customised to meet and cater for your data related needs.

Technology Partner: dataBP



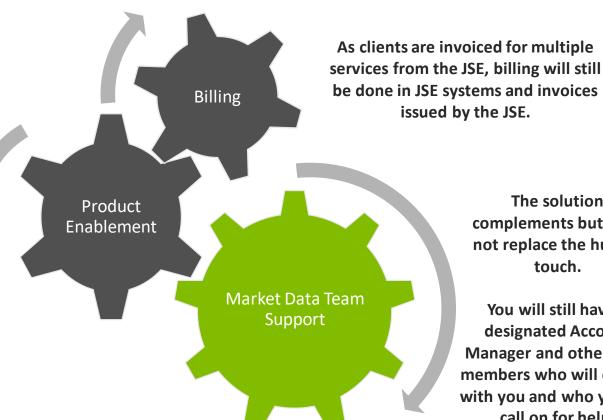


2020/12/17 ©Johannesburg Stock Exchange 5

What will not change?



As direct data access enablement and disablement requires technical actions and possibly different agreement (JSA), these steps will still follow current processes.



The solution complements but does not replace the human touch.

You will still have a designated Account Manager and other team members who will engage with you and who you can call on for help.



Project Overview

Presenters:
Mark Bird (DataBP)
Neil Vendeiro (JSE) Supporting

Project Objective and Phases



Objective: Improve Client Experience Through Self-Service Portal

New Portal URL: https://marketdataconnect.jse.co.za

Notification Email: <u>marketdataconnect@jse.co.za</u>

Project Phases

- Phase 1:
 - Reporting
- Phase 2:
 - Onboarding and Licensing
 - Subscription Requests and Approvals
 - Migration of existing agreements
 - Electronic Agreement and Policy guidance
 - Additional Self-Service



Existing Reporting Formats

- License Quantities (Monthly, License-Based)
- Authorised Clients (Monthly, Subscriber-Based)
- Assets Under Management (Quarterly, Fund-Based)

Reports submitted monthly for usage quantities for the month prior.

Usage Reports due on the 15th of the month.

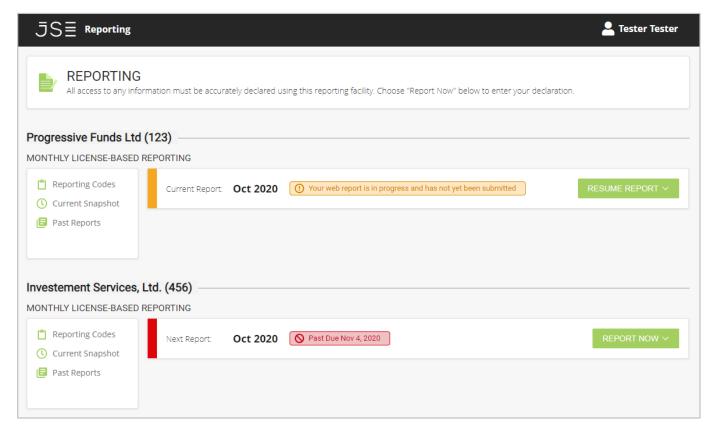
Future Reporting Format and capability:

- Location-Based
- Web interface and file-based interface (Excel, VARS, VRXML)
- Web, FTP, and FTPS options

Phase 1: Reporting (via Portal)



The reporting via the Portal is your one-stop shop for fulfilling your JSE reporting obligations.



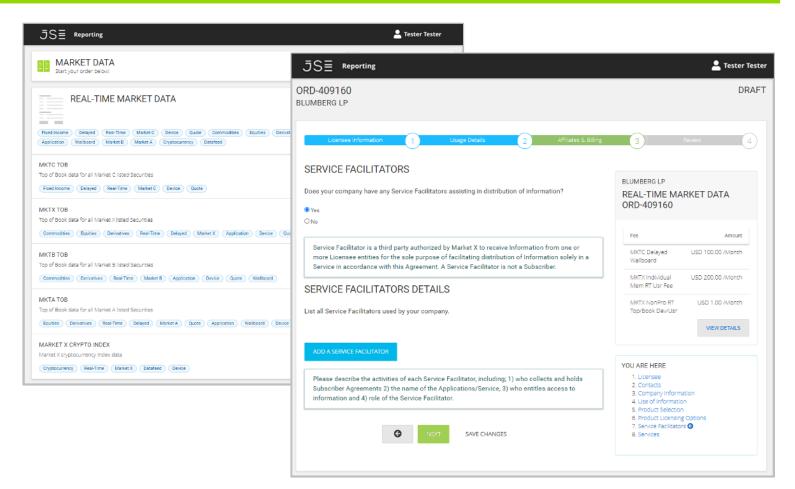
Phase 2: Onboarding and Licensing



- Self-Initiate New Data Requests
- Step-by-step guidance through JSE policies
- Dynamic contracts, pre-filled with your responses
- E-Signature via DocuSign
- Easy access to existing and in-flight licenses and data requests
- API-enabled for digital consumption

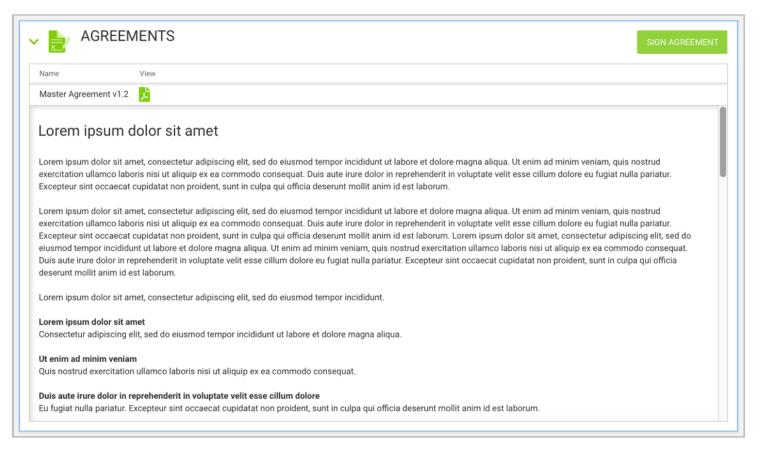
Phase 2: Onboarding and Licensing (Catalogue and Workflows)





Phase 2: Onboarding and Licensing (e-signature via Docusign)





Phase 2: Requests and Approvals



Full transparency into a three-party process and approvals

Data subscriber to data vendor to the JSE

For data vendors, no more guesswork

For data subscribers, integration with licensing for no redundancy

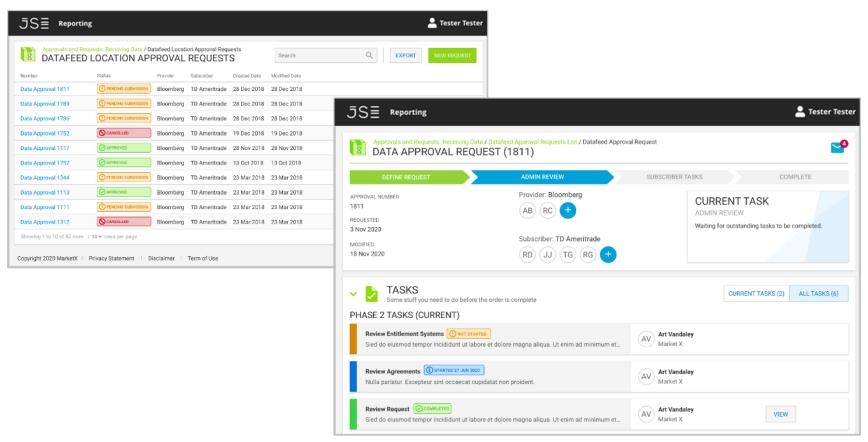
For both: Be able to view your existing approvals and track status of new requests in one place

Supports: Data Feed approvals; DEU VCT approvals; other approvals

API-enabled for digital consumption

Phase 2: Requests and Approvals (cont.)





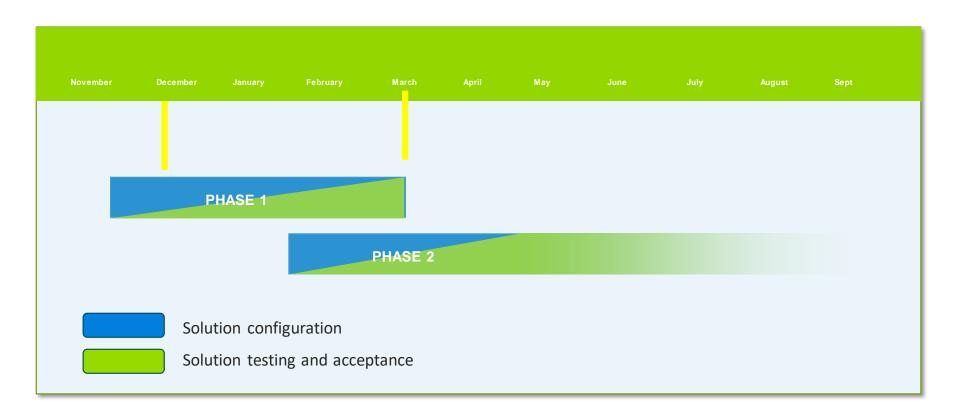
Phase 2: Additional Self-Service



Additional Self-Service

- Contacts
- Users and Permissions
- Account details
- Agreement changes / updates
- New usage guidance and understand implications
- Many more to follow...







5 Minute Break - Clients that don't report and want to leave can do so at this point.

Full presentation will be sent out to all clients after second session.

If you have questions, contact your Market Data Account Manager or send an email to mdclients@jse.co.za



Reporting via Portal Presentation

Presenters:
Mark Bird (DataBP)
Neil Vendeiro (JSE) supporting



Production Reporting Portal URL: https://marketdataconnect.jse.co.za/reporting

Notification Email: marketdataconnect@jse.co.za

Monthly Schedule



Each month, the reporting portal reminder schedule will be as follows:

All client reporting contacts

• 1st: Portal opens

Only to client reporting contacts that have not completed reporting

- 8th: Reminder email sent
- 13th: Second reminder sent
- 15th: Last day to report, final reminder sent

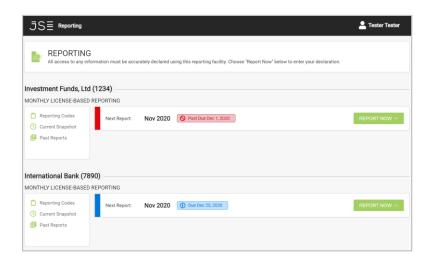
All client reporting contacts

• 18th: Portal closed

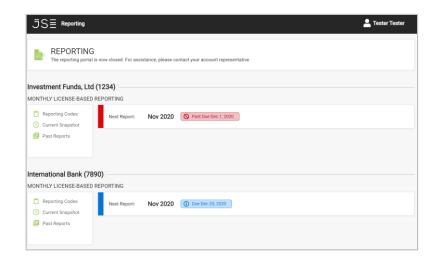


Reporting is due on the 15th of each month.

Portal Open



Portal Closed



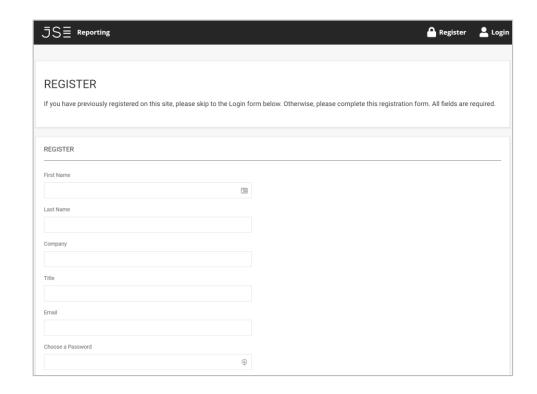


Demo/Sandbox URL:

https://jsesandbox.databp.com

When first signing in to the sandbox, register with the same email address that you use on the current JSE site.

Your permissions have been transferred to the new portal.

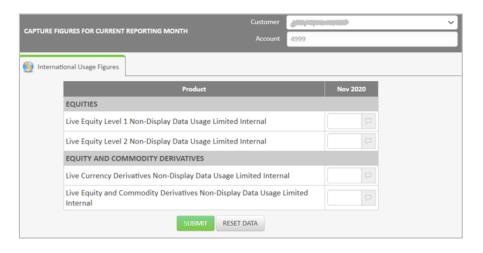


2020/12/17 ©Johannesburg Stock Exchange 23

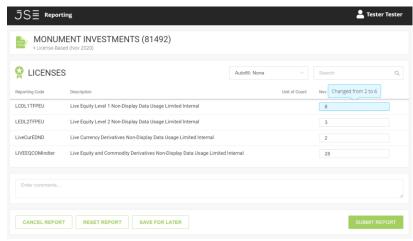
Reporting License Quantities (License-Based Reporting)



Current Interface



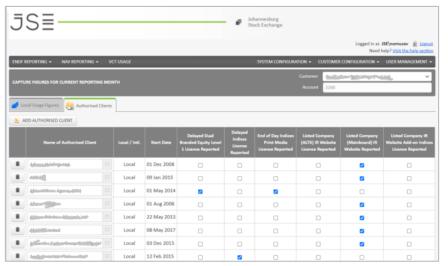
New Interface



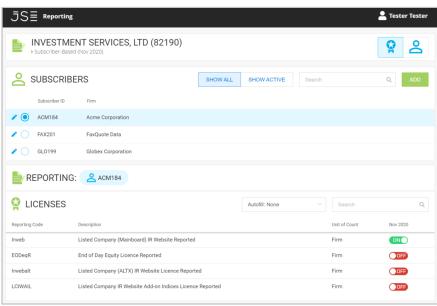
Reporting Authorized Clients (Subscriber-Based Reporting)



Current Interface



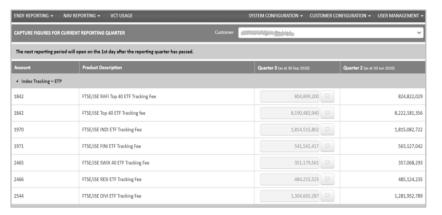
New Interface



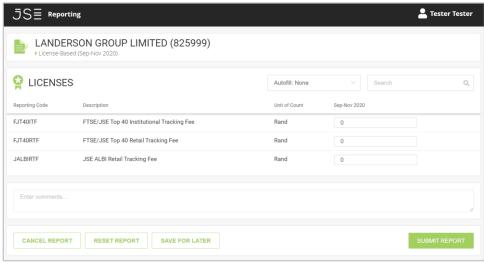
Reporting Assets Under Management (Monetary Reporting)



Current Interface

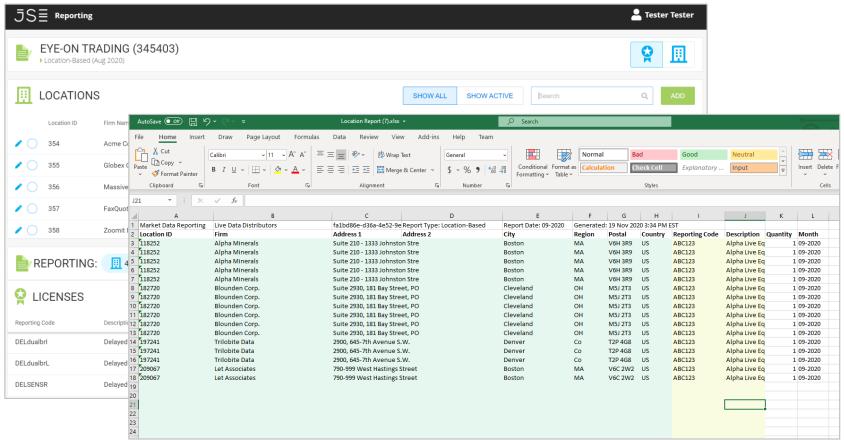


New Interface



New: Location-Based Reporting







Preparing for new reporting

- 1. Education Sessions all clients:
 - Beginning of December 2020
- 2. Demo Solution availability Only reporting clients
 - From second half of December 2020 until mid March 2021
- 3. Refresher Education Sessions All clients but high focus on phase 1
 - Mid February 2021
- 4. Portal Go-Live
 - End of March 2021

Review content and ask questions

Request test user ID's for demo solution

JSE Market Data Connect Log-on and actively use/try out the solution to get familiar with it. Ask questions where you not sure

We will be tracking your progress to make sure that you are ready for go-live and will do checks from time to time

Prepare for go-live

2020/12/17 ©Johannesburg Stock Exchange



Thank You

If you have questions, contact your Market Data Account Manager or send an email to mdclients@jse.co.za