

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)

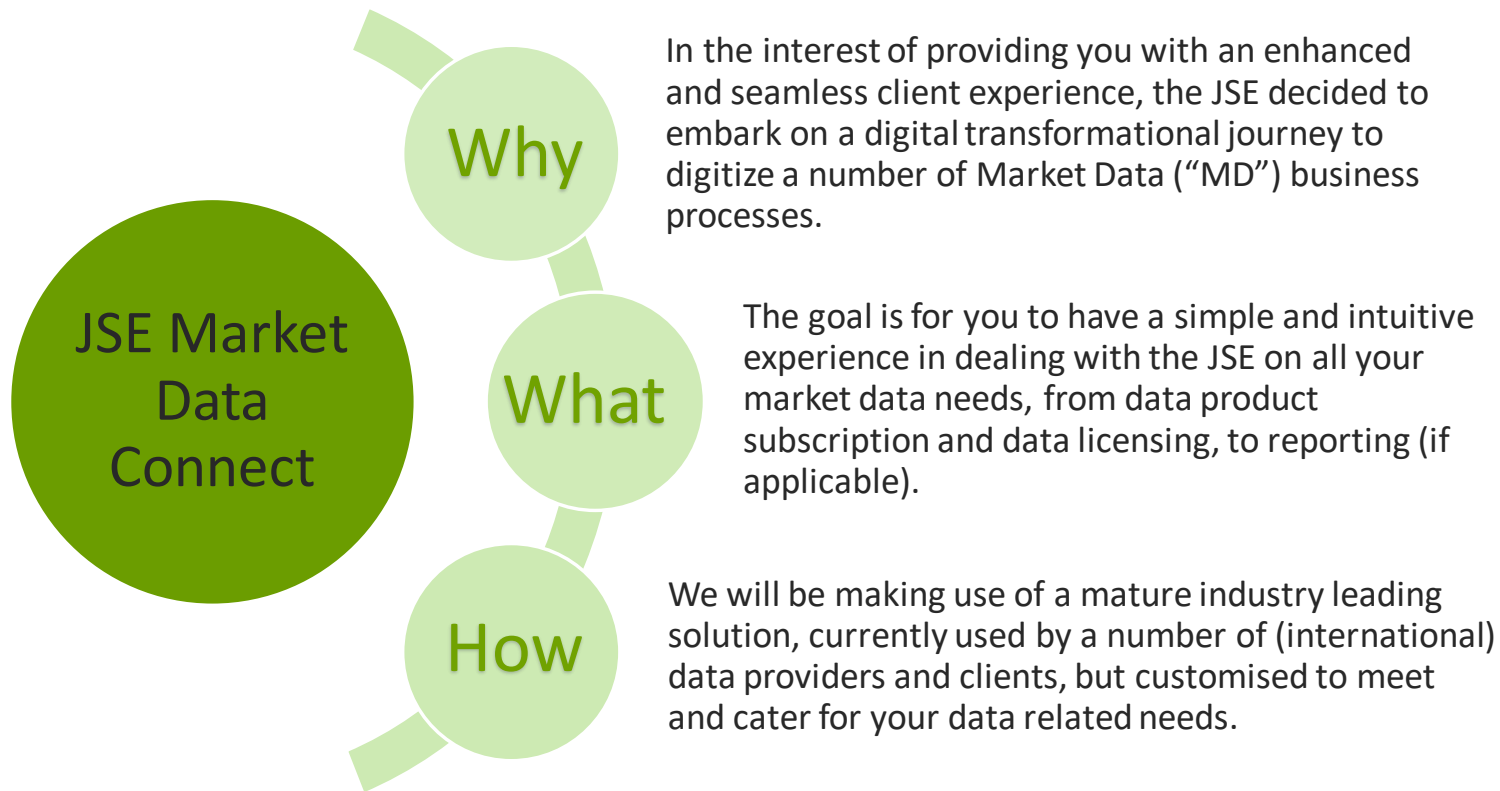


- JSE Market Data Connect Overview (All Clients)
- Project Overview (All Clients)
 - Reporting
 - Onboarding and Licensing
 - Subscription Requests and Approvals
 - Additional Self-Service
- 5 minute pause:
 - Leg stretch and attendees that aren't impacted by phase 1 brief and demo can leave
- Reporting 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

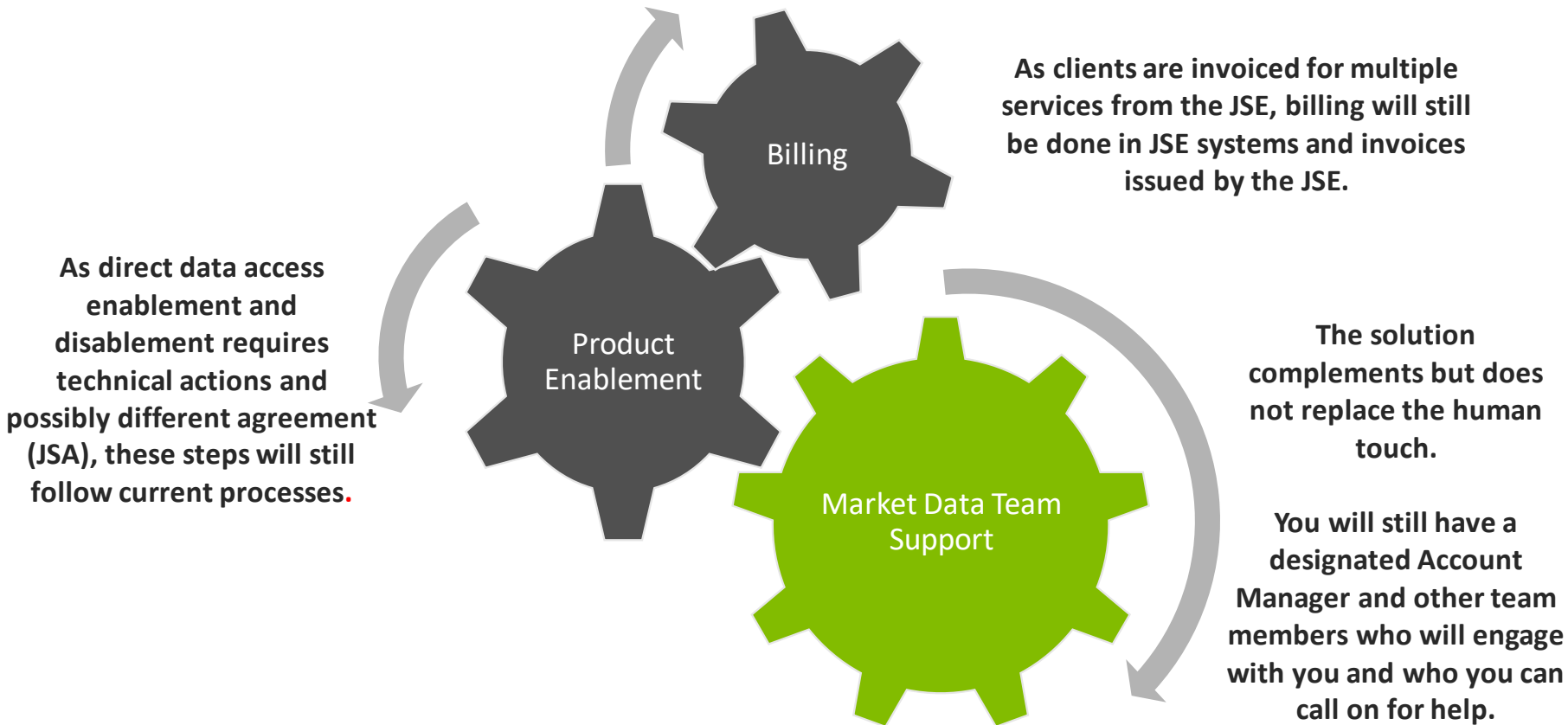


Technology Partner: **dataBP**

What will you gain?



What will not change?



Project Overview

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

Objective: Improve Client Experience Through Self-Service Portal

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

Notification Email: marketdataconnect@jse.co.za

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.

Reporting

Tester Tester

REPORTING
All access to any information must be accurately declared using this reporting facility. Choose "Report Now" below to enter your declaration.

Progressive Funds Ltd (123)

MONTHLY LICENSE-BASED REPORTING

Reporting Codes
 Current Snapshot
 Past Reports

Current Report: **Oct 2020**

Your web report is in progress and has not yet been submitted

RESUME REPORT ▾

Investement Services, Ltd. (456)

MONTHLY LICENSE-BASED REPORTING

Reporting Codes
 Current Snapshot
 Past Reports

Next Report: **Oct 2020**

Past Due Nov 4, 2020

REPORT NOW ▾

- 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)



JS Reporting

Tester Tester

MARKET DATA

Start your order below

REAL-TIME MARKET DATA

Fixed Income Delayed Real-Time Market C Device Quote Commodities Equities Derivatives Application Wallboard Market B Market A Cryptocurrency Datafeed

MKTG TOB

Top of Book data for all Market C listed Securities

Fixed Income Delayed Real-Time Market C Device Quote

MKT X TOB

Top of Book data for all Market X listed Securities

Commodities Equities Derivatives Real-Time Delayed Market X Application Device Quote

MKT B TOB

Top of Book data for all Market B listed Securities

Commodities Derivatives Real-Time Market B Application Device Quote Wallboard

MKT A TOB

Top of Book data for all Market A listed Securities

Equities Derivatives Real-Time Delayed Market A Quote Application Wallboard Device

MARKET X CRYPTO INDEX

Market X cryptocurrency Index data

Cryptocurrency Real-Time Market X Datafeed Device

JS Reporting

Tester Tester

ORD-409160

BLUMBERG LP

DRAFT

Licensee Information 1 Usage Details 2 Affiliates & Billing 3 Review 4

SERVICE FACILITATORS

Does your company have any Service Facilitators assisting in distribution of information?
☒ Yes
☐ No

Service Facilitator is a third party authorized by Market X to receive Information from one or more Licensee entities for the sole purpose of facilitating distribution of Information solely in a Service in accordance with this Agreement. A Service Facilitator is not a Subscriber.

SERVICE FACILITATORS DETAILS

List all Service Facilitators used by your company.

ADD A SERVICE FACILITATOR

Please describe the activities of each Service Facilitator, including; 1) who collects and holds Subscriber Agreements 2) the name of the Applications/Service, 3) who entitles access to information and 4) role of the Service Facilitator.

BLUMBERG LP

REAL-TIME MARKET DATA

ORD-409160

Fee	Amount
MKTG Delayed Wallboard	USD 100.00 /Month
MKTX Individual Mem RT User Fee	USD 200.00 /Month
MKTX NonPro RT Top/Book Dev/Usr	USD 1.00 /Month

VIEW DETAILS

YOU ARE HERE

1. Licensee

2. Contacts

3. Company Information

4. Use of Information

5. Product Selection



6. Product Licensing Options

7. Service Facilitators

8. Services


SAVE CHANGES

12



AGREEMENTS

SIGN AGREEMENT

Name	View
Master Agreement v1.2	

Lorem ipsum dolor sit amet

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Lorem ipsum dolor sit amet
Consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Ut enim ad minim veniam
Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore
Eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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.)



JS Reporting

Tester Tester

Approvals and Requests: Receiving Data / Datafeed Location Approval Requests

DATAFEED LOCATION APPROVAL REQUESTS

Search

EXPORT

NEW REQUEST

Number	Status	Provider	Subscriber	Created Date	Modified Date
Data Approval 1811	PENDING SUBMISSION	Bloomberg	TD Ameritrade	28 Dec 2018	28 Dec 2018
Data Approval 1789	PENDING SUBMISSION	Bloomberg	TD Ameritrade	28 Dec 2018	28 Dec 2018
Data Approval 1786	PENDING SUBMISSION	Bloomberg	TD Ameritrade	28 Dec 2018	28 Dec 2018
Data Approval 1752	CANCELLED	Bloomberg	TD Ameritrade	19 Dec 2018	19 Dec 2018
Data Approval 1117	APPROVED	Bloomberg	TD Ameritrade	28 Nov 2018	28 Nov 2018
Data Approval 1752	APPROVED	Bloomberg	TD Ameritrade	13 Oct 2018	13 Oct 2018
Data Approval 1344	PENDING SUBMISSION	Bloomberg	TD Ameritrade	23 Mar 2018	23 Mar 2018
Data Approval 1113	APPROVED	Bloomberg	TD Ameritrade	23 Mar 2018	23 Mar 2018
Data Approval 1111	PENDING SUBMISSION	Bloomberg	TD Ameritrade	23 Mar 2018	23 Mar 2018
Data Approval 1312	CANCELLED	Bloomberg	TD Ameritrade	23 Mar 2018	23 Mar 2018

Showing 1 to 10 of 82 rows | 10 rows per page

Copyright 2020 MarketX | Privacy Statement | Disclaimer | Term of Use

JS Reporting

Tester Tester

Approvals and Requests: Receiving Data / Datafeed Approval Requests List / Datafeed Approval Request

DATA APPROVAL REQUEST (1811)

4

DEFINE REQUEST

ADMIN REVIEW

SUBSCRIBER TASKS

COMPLETE

APPROVAL NUMBER
1811

REQUESTED
3 Nov 2020

MODIFIED
18 Nov 2020

Provider: Bloomberg
AB RC +

Subscriber: TD Ameritrade
RD JJ TG RG +

CURRENT TASK

ADMIN REVIEW

Waiting for outstanding tasks to be completed.

✓ TASKS

Some stuff you need to do before the order is complete

CURRENT TASKS (2) ALL TASKS (6)

PHASE 2 TASKS (CURRENT)

Review Entitlement Systems NOT STARTED

Sied do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minimum et...

AV Art Vandaley
Market X

Review Agreements STARTED 27 JUN 2020

Nulla pariatur. Excepteur sint occaecat cupidatat non proident.

AV Art Vandaley
Market X

Review Request COMPLETED

Sied do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minimum et...

AV Art Vandaley
Market X

VIEW

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

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

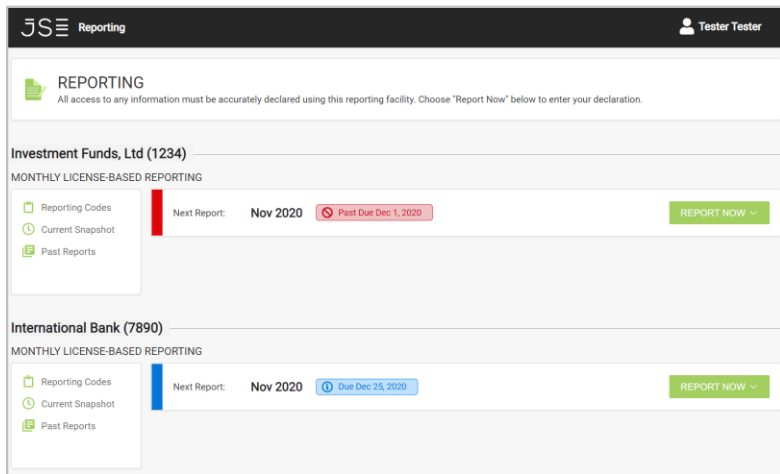
- 8th: Reminder email sent
- 13th: Second reminder sent
- 15th: Last day to report, final reminder sent

All client reporting contacts

- 18th: Portal closed

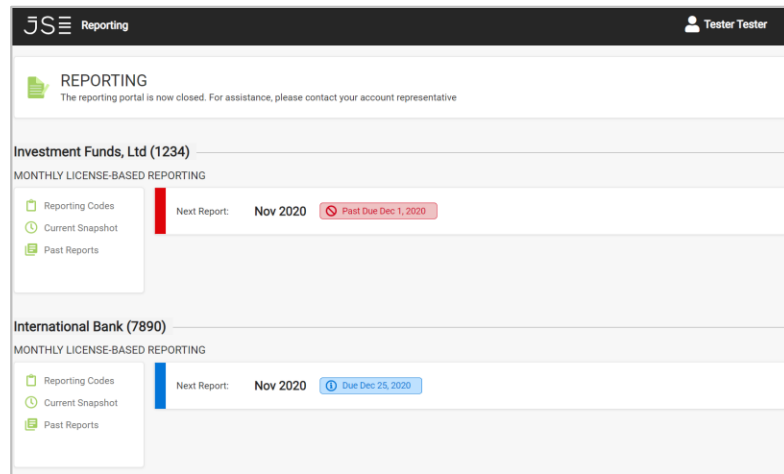
Reporting is due on the 15th of each month.

Portal Open



The screenshot shows the 'Reporting' section of the JS Reporting portal. At the top, it says 'REPORTING' and 'All access to any information must be accurately declared using this reporting facility. Choose "Report Now" below to enter your declaration.' Below this, there are two sections: 'Investment Funds, Ltd (1234)' and 'International Bank (7890)'. Each section has a 'MONTHLY LICENSE-BASED REPORTING' header. For 'Investment Funds, Ltd (1234)', the 'Next Report' is 'Nov 2020' with a red status bar and a 'Past Due Dec 1, 2020' label. A green 'REPORT NOW' button is visible. For 'International Bank (7890)', the 'Next Report' is 'Nov 2020' with a blue status bar and a 'Due Dec 25, 2020' label. A green 'REPORT NOW' button is also visible. On the left side of each section, there is a menu with 'Reporting Codes', 'Current Snapshot', and 'Past Reports'.

Portal Closed



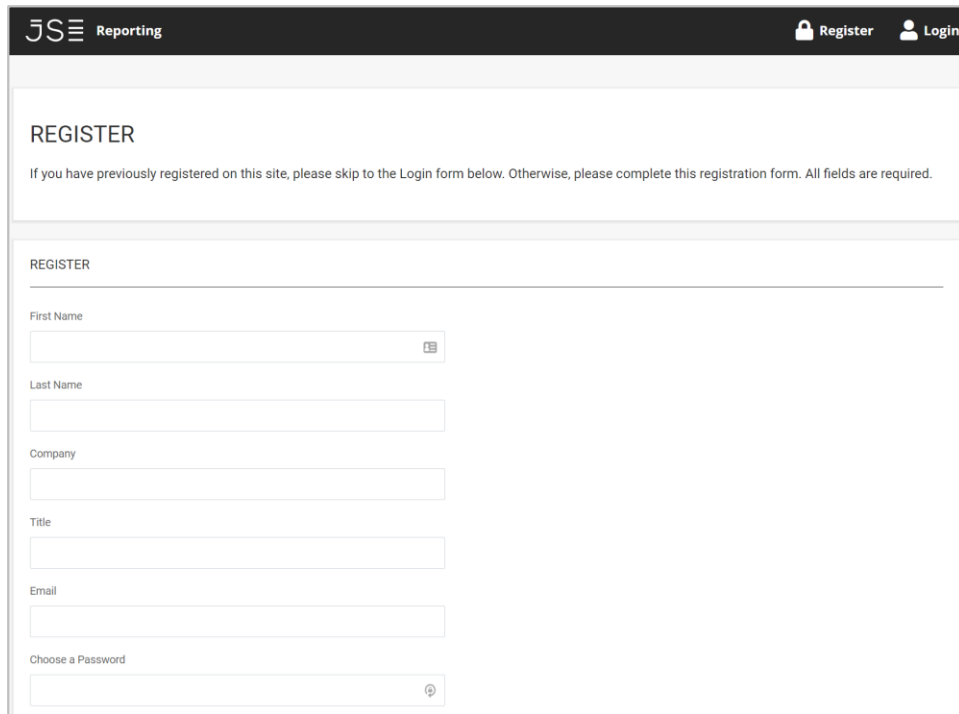
The screenshot shows the 'Reporting' section of the JS Reporting portal. At the top, it says 'REPORTING' and 'The reporting portal is now closed. For assistance, please contact your account representative'. Below this, there are two sections: 'Investment Funds, Ltd (1234)' and 'International Bank (7890)'. Each section has a 'MONTHLY LICENSE-BASED REPORTING' header. For 'Investment Funds, Ltd (1234)', the 'Next Report' is 'Nov 2020' with a red status bar and a 'Past Due Dec 1, 2020' label. For 'International Bank (7890)', the 'Next Report' is 'Nov 2020' with a blue status bar and a 'Due Dec 25, 2020' label. The 'REPORT NOW' buttons are not visible in this state. On the left side of each section, there is a menu with 'Reporting Codes', 'Current Snapshot', and 'Past Reports'.

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.



The screenshot shows the 'JSE Reporting' header with a dark background. On the right side of the header are links for 'Register' (with a lock icon) and 'Login' (with a user icon). The main content area is titled 'REGISTER' and includes a message: 'If you have previously registered on this site, please skip to the Login form below. Otherwise, please complete this registration form. All fields are required.' Below this is a registration form with the following fields: 'First Name' (with a calendar icon), 'Last Name', 'Company', 'Title', 'Email', and 'Choose a Password' (with a password icon).

Reporting License Quantities (License-Based Reporting)



Current Interface

CAPTURE FIGURES FOR CURRENT REPORTING MONTH

Customer: [REDACTED] Account: 4999

International Usage Figures

Product	Nov 2020
EQUITIES	
Live Equity Level 1 Non-Display Data Usage Limited Internal	<input type="text"/>
Live Equity Level 2 Non-Display Data Usage Limited Internal	<input type="text"/>
EQUITY AND COMMODITY DERIVATIVES	
Live Currency Derivatives Non-Display Data Usage Limited Internal	<input type="text"/>
Live Equity and Commodity Derivatives Non-Display Data Usage Limited Internal	<input type="text"/>

New Interface

JS Reporting Tester Tester

MONUMENT INVESTMENTS (81492)
License-Based (Nov 2020)

LICENSES Autofill: None Search

Reporting Code	Description	Unit of Count	Nov
LCDL1TFPEU	Live Equity Level 1 Non-Display Data Usage Limited Internal		6 <small>Changed from 2 to 6</small>
LEDL2TFPEU	Live Equity Level 2 Non-Display Data Usage Limited Internal		3
LiveCurDND	Live Currency Derivatives Non-Display Data Usage Limited Internal		2
LIVEEQCOMIndtr	Live Equity and Commodity Derivatives Non-Display Data Usage Limited Internal		28

Enter comments...

Reporting Authorized Clients (Subscriber-Based Reporting)



Current Interface

The current interface shows a web application with a header for 'Johannesburg Stock Exchange'. It includes a navigation bar with options like 'END REPORTING', 'NAV REPORTING', and 'VCT USAGE'. A section for 'CAPTURE FIGURES FOR CURRENT REPORTING MONTH' has dropdowns for 'Customer' and 'Account'. Below this is a table of 'Authorized Clients' with columns for client name, location, start date, and various license reporting status checkboxes.

Name of Authorized Client	Local / Int.	Start Date	Delayed Dual Branded Equity Level 1 Licence Reported	Delayed Indices Licence Reported	End of Day Indices Print Media Licence Reported	Listed Company (ALTX) IR Website Licence Reported	Listed Company (Mainboard) IR Website Licence Reported	Listed Company IR Website Add-on Indices Licence Reported
Adventures in the South	Local	01 Dec 2008	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adventures in the South	Local	09 Jan 2015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adventures in the South Agency (Pty) Ltd	Local	01 May 2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adventures in the South	Local	01 Aug 2006	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adventures in the South Agency (Pty) Ltd	Local	22 May 2013	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adventures in the South	Local	08 May 2017	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adventures in the South Agency (Pty) Ltd	Local	03 Dec 2015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adventures in the South	Local	12 Feb 2015	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

New Interface


The new interface is more modern and user-friendly. It shows the user 'Tester Tester' logged in. The main section is titled 'INVESTMENT SERVICES, LTD (82190)' with a subtitle 'Subscriber-Based (Nov 2020)'. It features a 'SUBSCRIBERS' section with a list of subscribers (ACM184, FAX201, GLO199) and buttons for 'SHOW ALL', 'SHOW ACTIVE', and 'ADD'. Below this is a 'REPORTING' section for 'ACM184' and a 'LICENSES' section with a table of reporting codes, descriptions, units of count, and status (ON/OFF).

Reporting Code	Description	Unit of Count	Nov 2020
Inweb	Listed Company (Mainboard) IR Website Reported	Firm	ON
EODeqR	End of Day Equity Licence Reported	Firm	OFF
Inwebalt	Listed Company (ALTX) IR Website Licence Reported	Firm	OFF
LCIWAIR	Listed Company IR Website Add-on Indices Licence Reported	Firm	OFF


Current Interface

END REPORTING - NAV REPORTING - VCT USAGE			
SYSTEM CONFIGURATION - CUSTOMER CONFIGURATION - USER MANAGEMENT			
CAPTURE FIGURES FOR CURRENT REPORTING QUARTER			
Customer: Landerson Group Limited			
The next reporting period will open on the 1st day after the reporting quarter has passed.			
Account	Product Description	Quarter 3 (as at 30 Sep 2020)	Quarter 2 (as at 30 Jun 2020)
Index Tracking - ETP			
1842	FTSE/JSE RAFI Top 40 ETF Tracking Fee	804,899,200	824,822,029
1842	FTSE/JSE Top 40 ETF Tracking fee	8,190,483,940	8,222,181,356
1970	FTSE/JSE INDI ETF Tracking Fee	1,814,515,802	1,815,082,722
1971	FTSE/JSE FINI ETF Tracking Fee	541,542,417	563,127,042
2465	FTSE/JSE SWIX 40 ETF Tracking Fee	351,179,561	357,068,293
2466	FTSE/JSE RESI ETF Tracking Fee	484,215,525	485,124,235
2544	FTSE/JSE DIVI ETF Tracking Fee	1,304,665,287	1,281,952,789

New Interface

 Reporting

Tester Tester

 LANDERSON GROUP LIMITED (825999)
License-Based (Sep-Nov 2020)

LICENSES

Autofill: None Search

Reporting Code	Description	Unit of Count	Sep-Nov 2020
FJT40ITF	FTSE/JSE Top 40 Institutional Tracking Fee	Rand	0
FJT40RTF	FTSE/JSE Top 40 Retail Tracking Fee	Rand	0
JALBIRTf	JSE ALBI Retail Tracking Fee	Rand	0

Enter comments...

CANCEL REPORT

RESET REPORT

SAVE FOR LATER

SUBMIT REPORT

New: Location-Based Reporting

JS

JS Reporting

Tester Tester

EYE-ON TRADING (345403)

Location-Based (Aug 2020)

LOCATIONS

SHOW ALL SHOW ACTIVE Search ADD

Location ID	Firm Name
354	Acme Co
355	Globex Co
356	Massive Corp
357	FaxQuote
358	Zoomit Inc

REPORTING: 4

LICENSES

Reporting Code	Description
DELdualbrl	Delayed
DELdualbrL	Delayed
DELSNSR	Delayed

Location Report (7).xlsx

Search

File Home Insert Draw Page Layout Formulas Data Review View Add-ins Help Team

Clipboard Font Alignment Number Styles Cells

Conditional Formatting Table

Normal Bad Good Neutral Calculation Check Cell Explanatory Input

Market Data Reporting	Live Data Distributors	Address 1	Address 2	City	Region	Postal	Country	Reporting Code	Description	Quantity	Month
118252	Alpha Minerals	Suite 210 - 1333 Johnston Stre		Boston	MA	V6H 3R9	US	ABC123	Alpha Live Eq	1	09-2020
118252	Alpha Minerals	Suite 210 - 1333 Johnston Stre		Boston	MA	V6H 3R9	US	ABC123	Alpha Live Eq	1	09-2020
118252	Alpha Minerals	Suite 210 - 1333 Johnston Stre		Boston	MA	V6H 3R9	US	ABC123	Alpha Live Eq	1	09-2020
118252	Alpha Minerals	Suite 210 - 1333 Johnston Stre		Boston	MA	V6H 3R9	US	ABC123	Alpha Live Eq	1	09-2020
118252	Alpha Minerals	Suite 210 - 1333 Johnston Stre		Boston	MA	V6H 3R9	US	ABC123	Alpha Live Eq	1	09-2020
182720	Blouden Corp.	Suite 2930, 181 Bay Street, PO		Cleveland	OH	M5J 2T3	US	ABC123	Alpha Live Eq	1	09-2020
182720	Blouden Corp.	Suite 2930, 181 Bay Street, PO		Cleveland	OH	M5J 2T3	US	ABC123	Alpha Live Eq	1	09-2020
182720	Blouden Corp.	Suite 2930, 181 Bay Street, PO		Cleveland	OH	M5J 2T3	US	ABC123	Alpha Live Eq	1	09-2020
182720	Blouden Corp.	Suite 2930, 181 Bay Street, PO		Cleveland	OH	M5J 2T3	US	ABC123	Alpha Live Eq	1	09-2020
182720	Blouden Corp.	Suite 2930, 181 Bay Street, PO		Cleveland	OH	M5J 2T3	US	ABC123	Alpha Live Eq	1	09-2020
197241	Trilobite Data	2900, 645-7th Avenue S.W.		Denver	Co	T2P 4G8	US	ABC123	Alpha Live Eq	1	09-2020
197241	Trilobite Data	2900, 645-7th Avenue S.W.		Denver	Co	T2P 4G8	US	ABC123	Alpha Live Eq	1	09-2020
209067	Let Associates	790-999 West Hastings Street		Boston	MA	V6C 2W2	US	ABC123	Alpha Live Eq	1	09-2020
209067	Let Associates	790-999 West Hastings Street		Boston	MA	V6C 2W2	US	ABC123	Alpha Live Eq	1	09-2020

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**



JSE
Market
Data
Connect

Review content and ask questions

Request test user ID's for demo solution

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

Thank You

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