

JSE Market Data Connect

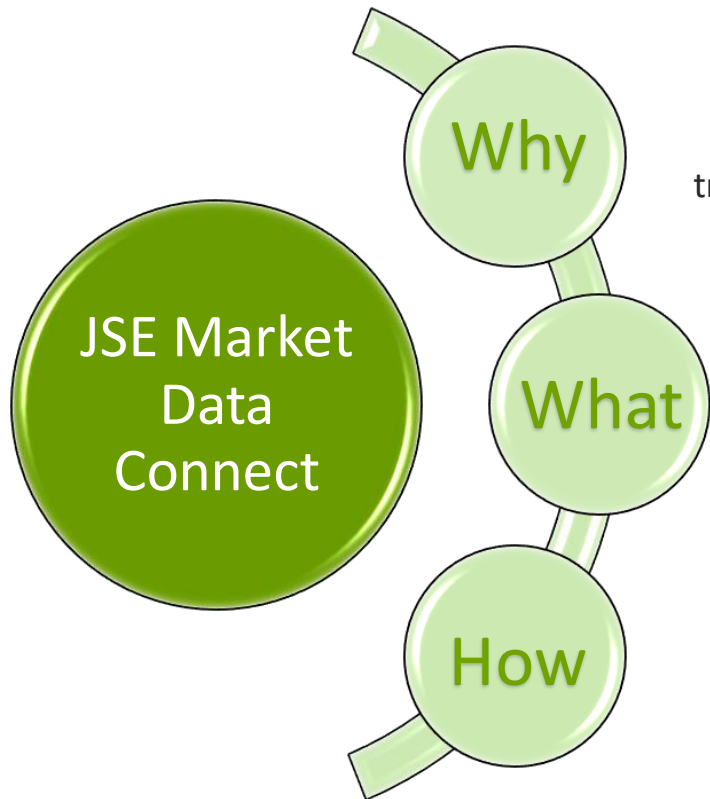
“Your way to connect with our team for your JSE market data needs”

Project Overview and Phase 1 focus (incorporating demonstration)



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

- **Solution Overview (All Clients)**
- **Project Overview (All Clients)**
 - ❖ Project Objective, phases and phase scope
 - ❖ Phase 1 - Reporting via Portal
 - ❖ Phase 1 - Reporting via data file
 - ❖ Phase 2 - New client on boarding and licensing
 - ❖ Phase 2 - Product subscription and other changes by current client
 - ❖ Phase 2 - Data Feed use requests and approvals
 - ❖ Phase 2 - Indices VCT data end user approvals
 - ❖ Phase 2 - Additional self-service features
- **Overall Project Timeline**
- **5 minute pause** - Leg stretch and opportunity to leave ahead of phase 1 focus and demo
- **Phase 1 Focus** - including demo (For data use/Indices Tracking reporting clients and Authorised Client distributors)
 - ❖ Data Use and Indices Tracking reporting - General
 - ❖ Data Use and Indices Tracking reporting – Reporting windows
 - ❖ Data Usage Variable reporting
 - ❖ Indices Tracking Reporting – AUM based monetary reporting
 - ❖ Data Use Reporting – Location based reporting (**only applicable to small set of clients**)
 - ❖ Authorised Client Reporting – Subscriber based reporting
 - ❖ Retroactive changes to reported numbers
- **Phase 1 Client Responsibilities**
- **Phase 1 Timeline**
- **Phase 1 Demo Portal Registration**
- **Phase 1 Production Portal**



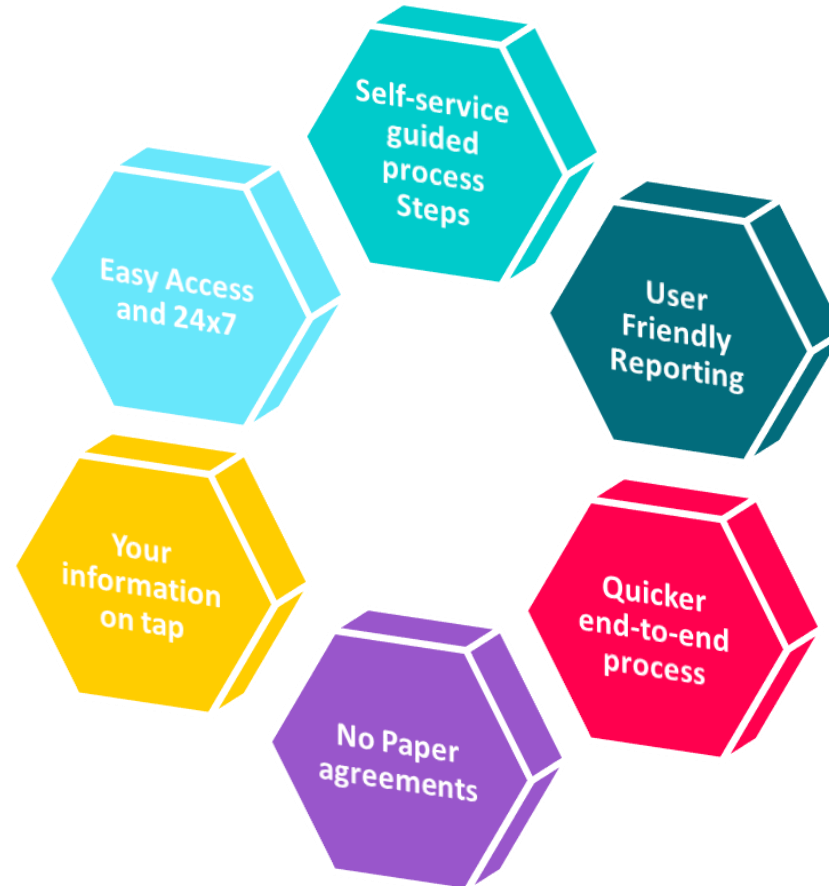
In the interest of providing you with an enhanced and seamless client experience, the JSE decided to embark on a digital transformational journey to digitize a number of Market Data (“MD”) business processes.

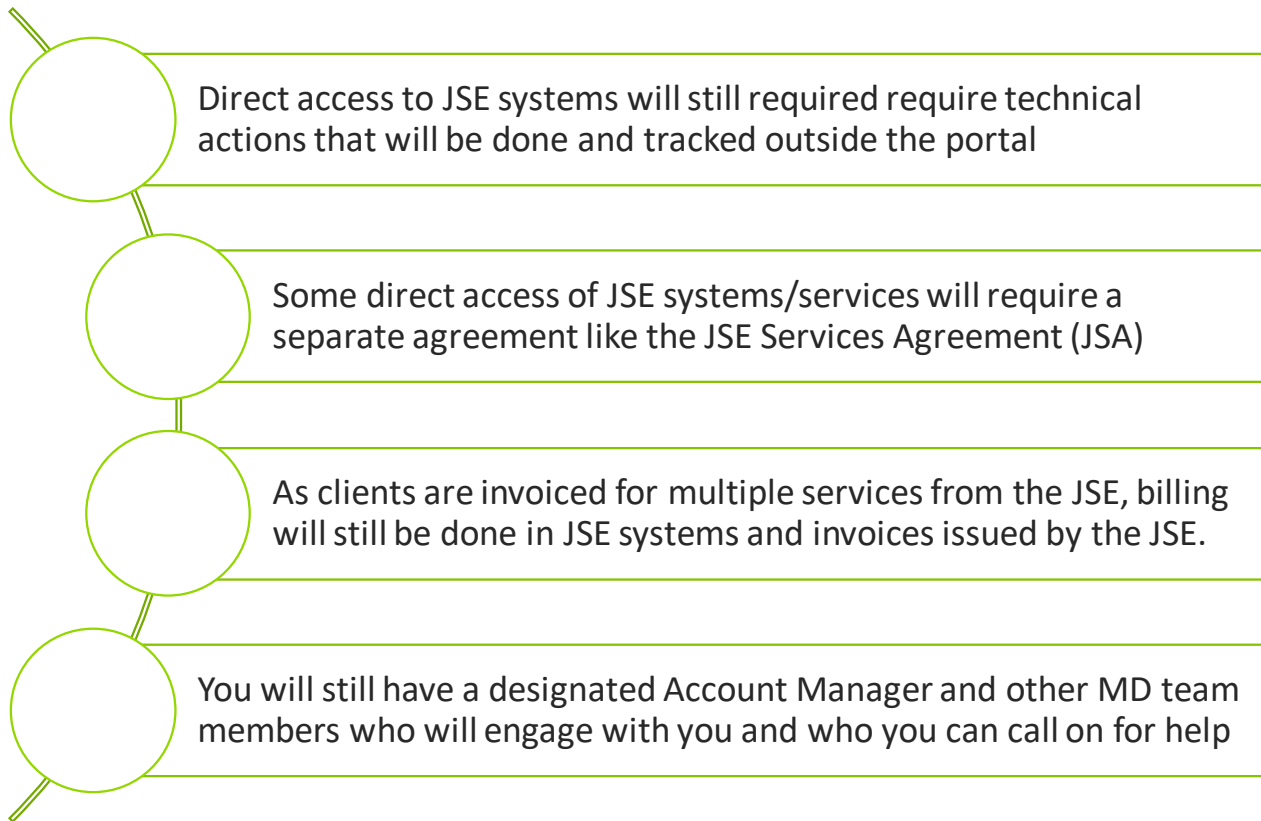
The goal is for you to have a simple and intuitive experience in interacting with the JSE on all your market data needs, from data product subscription and data licensing, to reporting (if applicable) as well as VCT data end user and data feed approvals.

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 cater for ours and your needs.

Technology Partner: **dataBP**

Solution Overview: What will you gain?





Project Overview

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

Improve client experience through a self-service portal, where client have access to relevant information and where actions are automated as much as possible.

Phase 1

Client Functionality/Obligations	Who does this benefit?
Reporting data usage numbers via F/E	All clients that subscribe to products that have a data usage reporting obligation
Reporting data usage numbers via data file	Small set of approved clients that subscribe to products that have a data usage reporting obligation
Reporting - Indices tracking numbers	Clients that passively track FTSE/JSE Indices and have a reporting obligation
Authorised Client management	Distributors approved to report specific licences on behalf of their users to the JSE
Retroactive changes to reported numbers (initial)	Clients that want to make changes to historical numbers previously reported that were already billed

Improve client experience through a self-service portal, where client have access to relevant information and where actions are automated as much as possible.

Phase 2

Client Functionality/Obligations	Who does this benefit?
New client on boarding and licensing	New clients
Product subscriptions and other changes by current client	All clients
Data Feed use requests and approvals	Distributors licensed to distribute JSE data via data feeds as well as their data feed users
Indices VCT end user management	Clients that subscribe to Indices VCT data and are obliged to have end users approved by JSE
Retroactive changes to reported numbers (final)	Clients that want to make changes to historical numbers previously reported that were already billed
Client contacts maintenance	All clients

Project Overview: Phase 1 - Reporting via Portal



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

The new portal replaces the current JSE Market Data Portal (MDP)

The screenshot displays the JSE Reporting Portal interface. At the top, the JSE logo and the word "Reporting" are on the left, and a user profile icon labeled "Tester Tester" is on the right. Below the header, a "REPORTING" section contains a green document icon and a message: "All access to any information must be accurately declared using this reporting facility. Choose 'Report Now' below to enter your declaration." The main content area is divided into two sections for different entities. The first section is for "Progressive Funds Ltd (123)" and shows "MONTHLY LICENSE-BASED REPORTING". It includes a sidebar with "Reporting Codes", "Current Snapshot", and "Past Reports". The main area shows "Current Report: Oct 2020" with an orange warning box stating "Your web report is in progress and has not yet been submitted" and a green "RESUME REPORT" button. The second section is for "Investement Services, Ltd. (456)" and also shows "MONTHLY LICENSE-BASED REPORTING". It has a similar sidebar. The main area shows "Next Report: Oct 2020" with a red warning box stating "Past Due Nov 4, 2020" and a green "REPORT NOW" button.

JSE 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

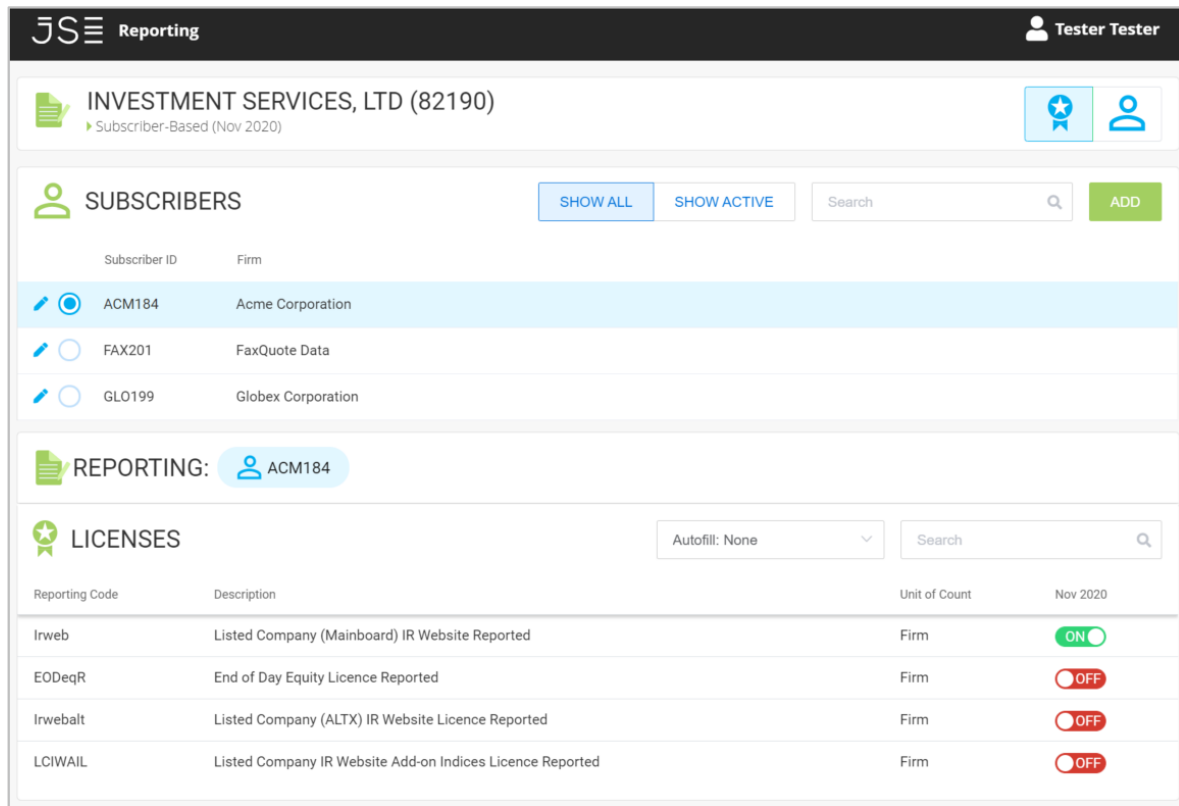
JS=

The new portal routines replace the processing of the reporting data files provided by approved clients

[illegible]

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

The new portal will provide comparable but better functionality.



The screenshot displays the JSE Reporting Portal interface. At the top, the header shows the JSE logo, the word "Reporting", and the user "Tester Tester". Below the header, the main content area is divided into sections. The first section is for "INVESTMENT SERVICES, LTD (82190)" with a "Subscriber-Based (Nov 2020)" status. The second section is "SUBSCRIBERS", featuring a table with columns for "Subscriber ID" and "Firm". The table lists three subscribers: ACM184 (Acme Corporation), FAX201 (FaxQuote Data), and GLO199 (Globex Corporation). The third section is "REPORTING:", showing a selected subscriber "ACM184". The fourth section is "LICENSES", featuring a table with columns for "Reporting Code", "Description", "Unit of Count", and "Nov 2020". The table lists four licenses: Irweb (Listed Company (Mainboard) IR Website Reported, Firm, ON), EODeqR (End of Day Equity Licence Reported, Firm, OFF), Irwebalt (Listed Company (ALTIX) IR Website Licence Reported, Firm, OFF), and LCIWAIL (Listed Company IR Website Add-on Indices Licence Reported, Firm, OFF).

Subscriber ID	Firm
ACM184	Acme Corporation
FAX201	FaxQuote Data
GLO199	Globex Corporation

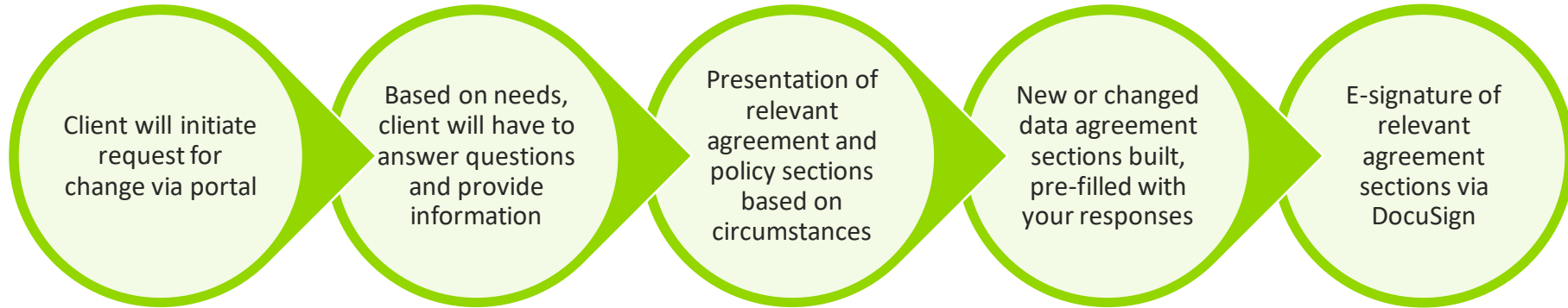
Reporting Code	Description	Unit of Count	Nov 2020
Irweb	Listed Company (Mainboard) IR Website Reported	Firm	ON
EODeqR	End of Day Equity Licence Reported	Firm	OFF
Irwebalt	Listed Company (ALTIX) IR Website Licence Reported	Firm	OFF
LCIWAIL	Listed Company IR Website Add-on Indices Licence Reported	Firm	OFF

Step-by-step guidance through new client process which will be made up of steps. Will have easy access to, and understanding of, current step and steps left



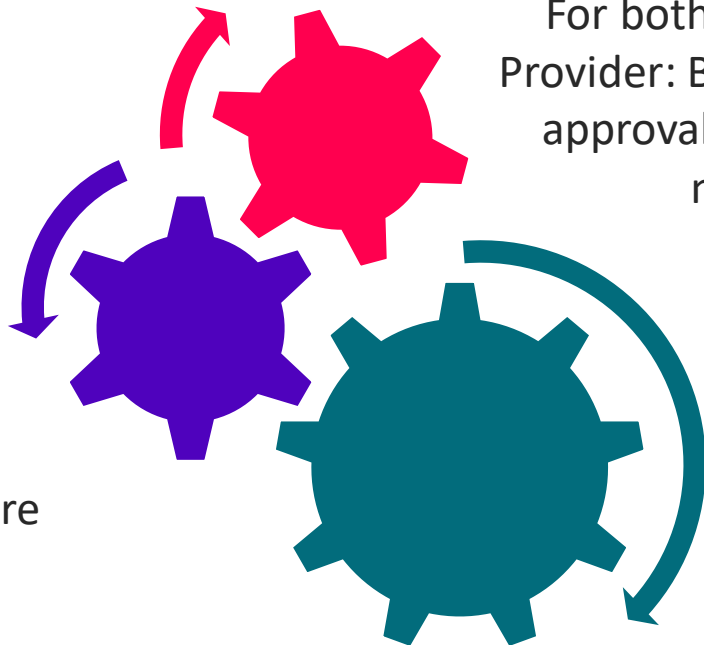
Account Manager will track progress and assist client where necessary

Step-by-step guidance through change process which will be made up of steps.
Will have easy access to, and understanding of, current step and steps left



Account Manager will track progress and assist client where necessary

Full transparency into a three-party process and approvals - Data subscriber to data feed provider to the JSE



For both Data Feed user and Provider: Be able to view existing approvals and track status of new requests

For Data Feed providers, no more guesswork -

Easy transition for data feed users that are obliged to be licensed and contract directly with JSE

Project Overview: Phase 2 - Data Feed use requests and approvals (cont.)



JSX 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

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JSX Reporting Tester Tester

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

DATA APPROVAL REQUEST (1811)

DEFINE REQUEST ADMIN REVIEW SUBSCRIBER TASKS COMPLETE

APPROVAL NUMBER: 1811
REQUESTED: 3 Nov 2020
MODIFIED: 18 Nov 2020

Provider: Bloomberg
Subscriber: TD Ameritrade

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	AV Art Vandaley Market X
Review Agreements	STARTED 27 JUN 2020	AV Art Vandaley Market X
Review Request	COMPLETED	AV Art Vandaley Market X VIEW

Project Overview: Phase 2 – Indices VCT data end user approvals



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

The new portal routines replace the processing of the reporting data files provided by approved clients

 [License List](#) / License Detail
12159

EDIT

LICENSE
Night and Day Trading

LICENSE CODE
EODCAPSWIX

EFFECTIVE DATES
Feb 2017 - Present

PRODUCT
End of Day FTSE/JSE Equ

DESCRIPTION
End of Day Specialist Indices
Shareholder Weighted Indices

BILLING ACCOUNT
Night and Day Trading (29

Mixed Tiers

Title	Lower Bound	Upper Bound	Currency	Tier Type	Price
Tier 1 to 1	1	1	ZAR	Banded Tiers	5,448.00
Tier 2 to 10	2	10	ZAR	Banded Tiers	8,179.00
Tier 11 to 25	11	25	ZAR	Banded Tiers	10,896.00
Tier 26 to 50	26	50	ZAR	Banded Tiers	16,345.00
Tier 51 to 150	51	150	ZAR	Standard Tiers	237.80
Tier 151 to 250	151	250	ZAR	Standard Tiers	164.10
Tier 251 to Max	251		ZAR	Standard Tiers	120.20

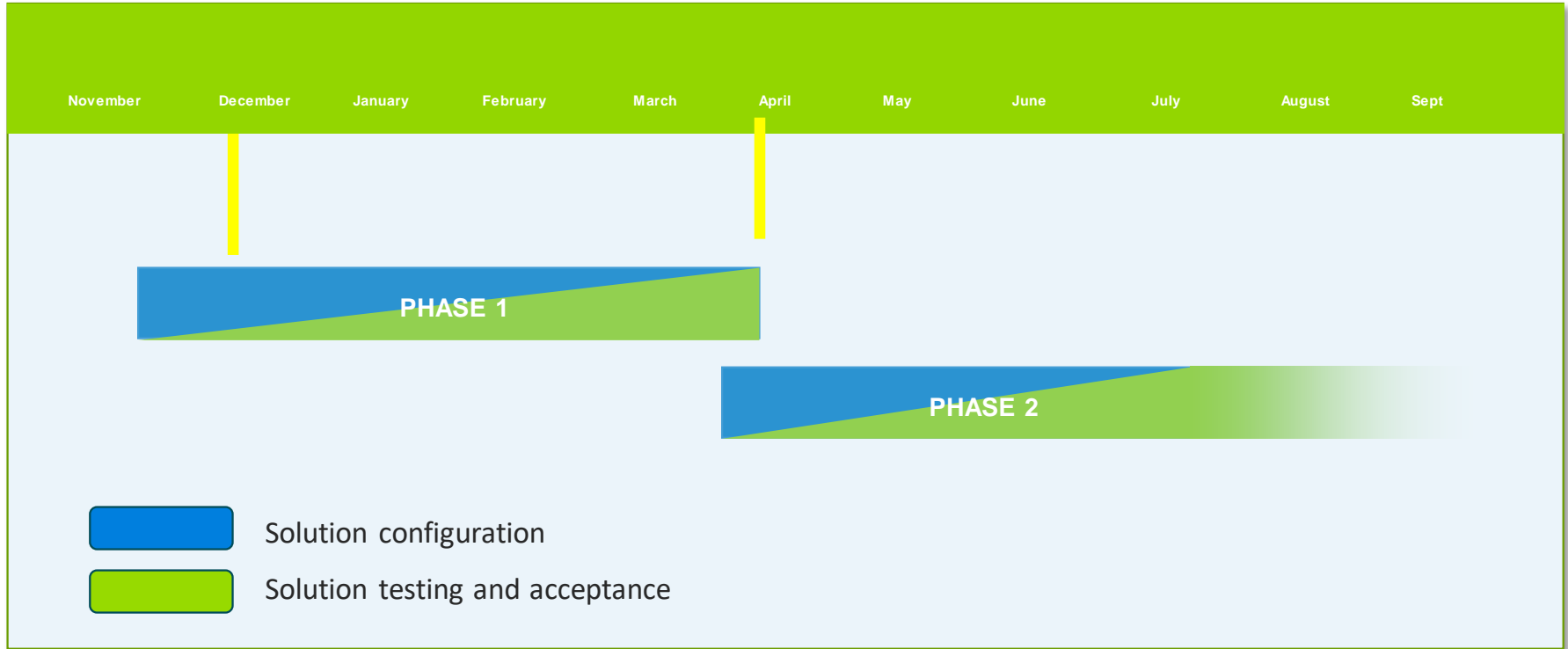
 FEES AND CHANGES

Number	Fee					
EODCAPSWIX-ZAR	End of Day Specialist Indices End User Fees - Capped Shareholder Weighted Indices (SWIX)	5,448.00 (Tiered)		ZAR	/Year	1 Jan 2021
EODCAPSWIX-ZAR	End of Day Specialist Indices End User Fees - Capped Shareholder Weighted Indices (SWIX)	5,213.00 (Tiered)		ZAR	/Year	1 Jan 2020 1 Dec 2020
EODCAPSWIX-ZAR	End of Day Specialist Indices End User Fees - Capped Shareholder Weighted Indices (SWIX)	4,960.00 (Tiered)		ZAR	/Year	1 Feb 2019 1 Dec 2019

Showing 1 to 3 of 3 rows | 10 rows per page

 QUANTITY OVER TIME





Reporting via Portal Presentation

**5 Minute leg stretch break and opportunity to leave before
phase 1 focused slides and demo**

Presentation will be made available to all clients after session.

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

Existing Reporting Formats

- Data Usage Variable (Monthly in arrears)
- Assets Under Management (Quarterly in arrears, Fund-Based)
- Authorised Clients (Monthly, Subscriber-Based)

Future Reporting Format and capability:

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

Data Use and Indices Tracking Reporting - Reporting windows



1st: Portal opens for reporting

8th: Reminder email sent to non-submitters

13th: Second reminder sent to non-submitters

15th: Last day to report, final reminder sent to non-submitters

18th: Portal closed

JSX 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.

Investment Funds, Ltd (1234)
MONTHLY LICENSE-BASED REPORTING

Reporting Codes
Current Snapshot
Past Reports

Next Report: **Nov 2020** Past Due Dec 1, 2020 **REPORT NOW**

International Bank (7890)
MONTHLY LICENSE-BASED REPORTING

Reporting Codes
Current Snapshot
Past Reports

Next Report: **Nov 2020** Due Dec 25, 2020 **REPORT NOW**

JSX Reporting Tester Tester

REPORTING
The reporting portal is now closed. For assistance, please contact your account representative

Investment Funds, Ltd (1234)
MONTHLY LICENSE-BASED REPORTING

Reporting Codes
Current Snapshot
Past Reports

Next Report: **Nov 2020** Past Due Dec 1, 2020 **REPORT NOW**

International Bank (7890)
MONTHLY LICENSE-BASED REPORTING

Reporting Codes
Current Snapshot
Past Reports

Next Report: **Nov 2020** Due Dec 25, 2020 **REPORT NOW**

Reporting is due by the 15th of each month.

Data Use Reporting – Data Usage Variable reporting

JS

Before and After

Current Interface

CAPTURE FIGURES FOR CURRENT REPORTING MONTH

Customer

Account

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
LCDL1TFEU	Live Equity Level 1 Non-Display Data Usage Limited Internal		6
LEDL2TFEU	Live Equity Level 2 Non-Display Data Usage Limited Internal		3
LiveCurEDND	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...

Indices tracking reporting – AUM based monetary reporting



Before and After

Current Interface

ENDF REPORTING ▾ NAV REPORTING ▾ VCT USAGE ▾ SYSTEM CONFIGURATION ▾ CUSTOMER CONFIGURATION ▾ USER MANAGEMENT ▾			
CAPTURE FIGURES FOR CURRENT REPORTING QUARTER			
Customer: JOHANNESBURG STOCK EXCHANGE			
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 ETP Tracking Fee	804,899,200	824,822,029
1842	FTSE/JSE Top 40 ETP Tracking fee	8,190,483,940	8,222,181,356
1970	FTSE/JSE INDI ETP Tracking Fee	1,814,515,802	1,815,082,722
1971	FTSE/JSE FINI ETP Tracking Fee	541,542,417	563,127,042
2465	FTSE/JSE SWIX 40 ETP Tracking Fee	351,179,561	357,068,293
2466	FTSE/JSE RESI ETP Tracking Fee	484,215,525	485,124,235
2544	FTSE/JSE DIVI ETP Tracking Fee	1,304,665,287	1,281,952,789

New Interface

JSE 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

Data Use Reporting – Location based reporting (only applicable to small set of clients)



Location based reporting already ready for some data file reports and will be processed.

For rest of the clients, will only be applicable in the future, after reasonable notice.

Reporting
Tester Tester

EYE-ON TRADING (345403)
 Location-Based (Aug 2020)

LOCATIONS

SHOW ALL
SHOW ACTIVE

ADD

Location ID	Firm Name	Address
354	Acme Corporation	123 Main Street New York, NY US
355	Globex Corporation	123 Main Street New York, NY US
356	Massive Dynamic	
357	FaxQuote Data	
358	Zoomit Investments	

REPORTING: 468

LICENSES

Reporting Code	Description
DELdualbrl	Delayed Dual Brander
DELdualbrL	Delayed Dual Brander
DELSNSR	Delayed SENS Licen

AutoSave

Location Report (7).xlsx

File

Home

Insert

Draw

Page Layout

Formulas

Data

Review

View

Add-ins

Help

Team

Clipboard

Font

Alignment

Number

Styles

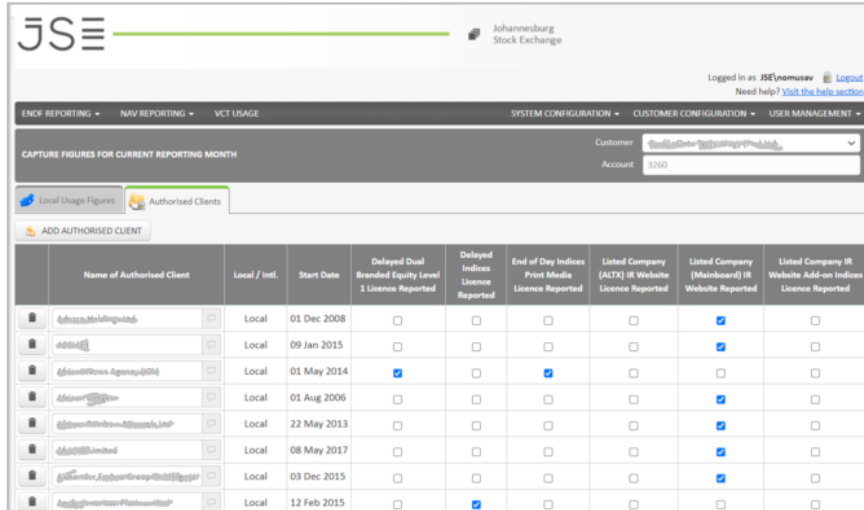
	A	B	C	D	E	F	G	H	I	J	K	L
1	Market Data Reporting	Live Data Distributors	fa1bd86e-d36a-4e52-9e	Report Type: Location-Based	Report Date: 09-2020	Generated: 19 Nov 2020 3:34 PM EST						
2	Location ID	Firm	Address 1	Address 2	City	Region	Postal	Country	Reporting Code	Description	Quantity	Month
3	118252	Alpha Minerals	Suite 210 - 1333 Johnston Stre		Boston	MA	V6H 3R9	US	ABC123	Alpha Live Eq	1	09-2020
4	118252	Alpha Minerals	Suite 210 - 1333 Johnston Stre		Boston	MA	V6H 3R9	US	ABC123	Alpha Live Eq	1	09-2020
5	118252	Alpha Minerals	Suite 210 - 1333 Johnston Stre		Boston	MA	V6H 3R9	US	ABC123	Alpha Live Eq	1	09-2020
6	118252	Alpha Minerals	Suite 210 - 1333 Johnston Stre		Boston	MA	V6H 3R9	US	ABC123	Alpha Live Eq	1	09-2020
7	118252	Alpha Minerals	Suite 210 - 1333 Johnston Stre		Boston	MA	V6H 3R9	US	ABC123	Alpha Live Eq	1	09-2020
8	182720	Blounden Corp.	Suite 2930, 181 Bay Street, PO		Cleveland	OH	MSJ 2T3	US	ABC123	Alpha Live Eq	1	09-2020
9	182720	Blounden Corp.	Suite 2930, 181 Bay Street, PO		Cleveland	OH	MSJ 2T3	US	ABC123	Alpha Live Eq	1	09-2020
10	182720	Blounden Corp.	Suite 2930, 181 Bay Street, PO		Cleveland	OH	MSJ 2T3	US	ABC123	Alpha Live Eq	1	09-2020
11	182720	Blounden Corp.	Suite 2930, 181 Bay Street, PO		Cleveland	OH	MSJ 2T3	US	ABC123	Alpha Live Eq	1	09-2020
12	182720	Blounden Corp.	Suite 2930, 181 Bay Street, PO		Cleveland	OH	MSJ 2T3	US	ABC123	Alpha Live Eq	1	09-2020
13	182720	Blounden Corp.	Suite 2930, 181 Bay Street, PO		Cleveland	OH	MSJ 2T3	US	ABC123	Alpha Live Eq	1	09-2020
14	197241	Trilobite Data	2900, 645-7th Avenue S.W.		Denver	Co	T2P 4G8	US	ABC123	Alpha Live Eq	1	09-2020
15	197241	Trilobite Data	2900, 645-7th Avenue S.W.		Denver	Co	T2P 4G8	US	ABC123	Alpha Live Eq	1	09-2020
16	197241	Trilobite Data	2900, 645-7th Avenue S.W.		Denver	Co	T2P 4G8	US	ABC123	Alpha Live Eq	1	09-2020
17	209067	Let Associates	790-999 West Hastings Street		Boston	MA	V6C 2W2	US	ABC123	Alpha Live Eq	1	09-2020
18	209067	Let Associates	790-999 West Hastings Street		Boston	MA	V6C 2W2	US	ABC123	Alpha Live Eq	1	09-2020

Authorised Client Reporting – Subscriber based reporting

JS

Before and After

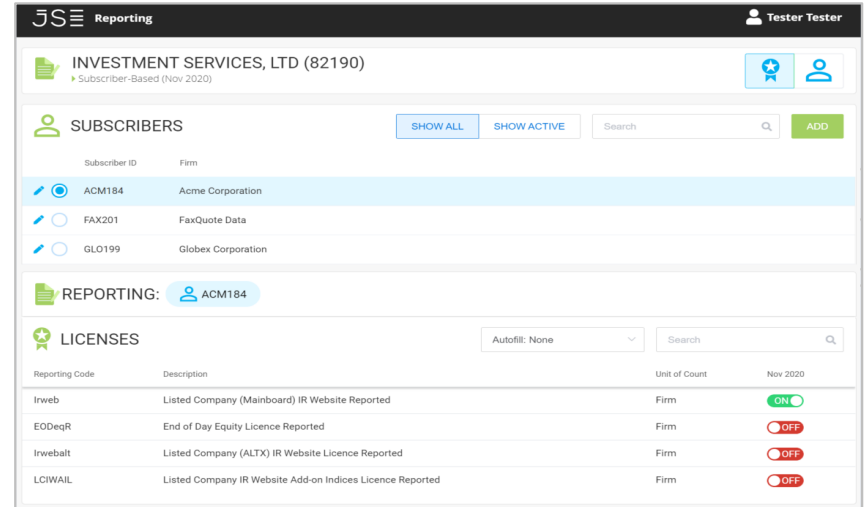
Current Interface



The screenshot shows the 'Authorized Clients' section of the JS interface. It features a table with columns for client details and reporting status. The table lists several clients, including 'Johannesburg Stock Exchange', 'ACM184', 'FAX201', 'GLO199', and 'ACM184'. The table is filtered for 'Local Usage Figures' and 'Authorized Clients'.

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 (ALT) IR Website Licence Reported	Listed Company (Mainboard) IR Website Reported	Listed Company IR Website Add-on Indices Licence Reported
Johannesburg Stock Exchange	Local	01 Dec 2008	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ACM184	Local	09 Jan 2015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ACM184 (Nov 2020)	Local	01 May 2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ACM184	Local	01 Aug 2006	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ACM184 (Nov 2020)	Local	22 May 2013	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ACM184	Local	08 May 2017	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ACM184 (Nov 2020)	Local	03 Dec 2015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ACM184 (Nov 2020)	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 screenshot shows the 'Reporting' section of the JS interface. It displays a list of subscribers for 'INVESTMENT SERVICES, LTD (82190)'. The subscribers are listed with their IDs and names: 'ACM184' (Acme Corporation), 'FAX201' (FaxQuote Data), and 'GLO199' (Globex Corporation). Below the subscribers list, there is a 'REPORTING' section for 'ACM184' showing a table of licenses. The licenses are listed with their codes, descriptions, units of count, and status for Nov 2020.

Subscriber ID	Firm
ACM184	Acme Corporation
FAX201	FaxQuote Data
GLO199	Globex Corporation

Reporting Code	Description	Unit of Count	Nov 2020
Inweb	Listed Company (Mainboard) IR Website Reported	Firm	<input checked="" type="checkbox"/>
EODeqR	End of Day Equity Licence Reported	Firm	<input type="checkbox"/>
Inwebalt	Listed Company (ALT) IR Website Licence Reported	Firm	<input type="checkbox"/>
LCIWAIR	Listed Company IR Website Add-on Indices Licence Reported	Firm	<input type="checkbox"/>

Retroactive changes to reported numbers


Acme Data Services

 **PAST REPORTS**
Previously submitted reports

Number	Service Period
RPT-A4487	Dec 2020
RPT-A4486	Nov 2020
RPT-A4485	Oct 2020
RPT-A4484	Sep 2020
RPT-A4483	Aug 2020
RPT-A4482	Jul 2020
RPT-A4481	Jun 2020
RPT-A4480	May 2020
RPT-A4479	Apr 2020
RPT-A4478	Mar 2020

Showing 1 to 10 of 24 rows | 10 rows per page

Reporting Dashboard / Reports List / Monthly License-Based Reporting - Jun 2020

 **ACME DATA SERVICES (4403)**

RE-REPORT

REPORT NUMBER
RPT-A4481

SERVICE PERIOD
Jun 2020

REPORT DUE DATE
01 Jul 2020

REPORTER

REPORTING METHOD
Online Report

LAST MODIFIED
8 Mar 2021 12:37 PM UTC

STATUS

Processed

QUANTITY CHANGES (28)
Updates to quantities for existing and new service

EXPORT

License Number	Reporting Code	License Title	Service Period	Current Quantity	New Quantity	Status
10640	LIVEL1term	Live Equity Level 1 Terminal - Professional End User	Jun 2020	41	41	<div>Processed</div>
10641	LiveL1tnp	Live Equity Level 1 Terminal - Non-Professional End User	Jun 2020	3	3	<div>Processed</div>
10642	LIVEL2term	Live Equity Level 2 Terminal - Professional End User	Jun 2020	1113	1113	<div>Processed</div>
10643	LiveL2tnp	Live Equity Level 2 Terminal - Non-Professional End User	Jun 2020	172	172	<div>Processed</div>
10644	LIVEindter	Live Indices Terminal - Professional User	Jun 2020	1035	1035	<div>Processed</div>

Showing 1 to 5 of 28 rows | 5 rows per page

1

2

3

4

5

Review content and ask questions

Register on demo solution, using your email, and actively try out the portal to get familiar with it. Ideal for all designated reporters to try out the portal

Mandatory for the primary designated reporter to submit at least one test report in the demo environment

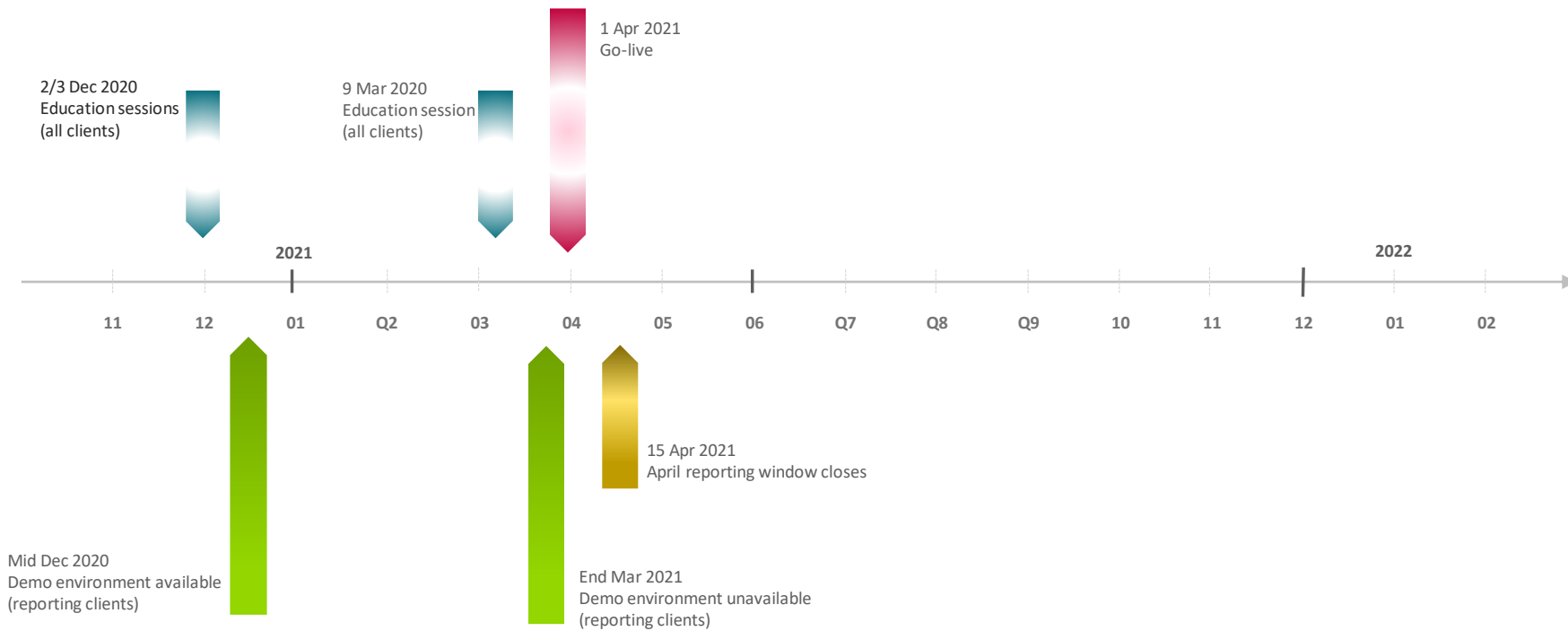
We will be tracking your progress to make sure that you are ready for go-live and will do checks from time to time

Prepare for go-live on 1 April 2021

Report April numbers via new portal

Your effort before go-live will make your transition easier. Any questions must be sent to mdclients@jse.co.za or via your account manager

Phase 1 Timeline

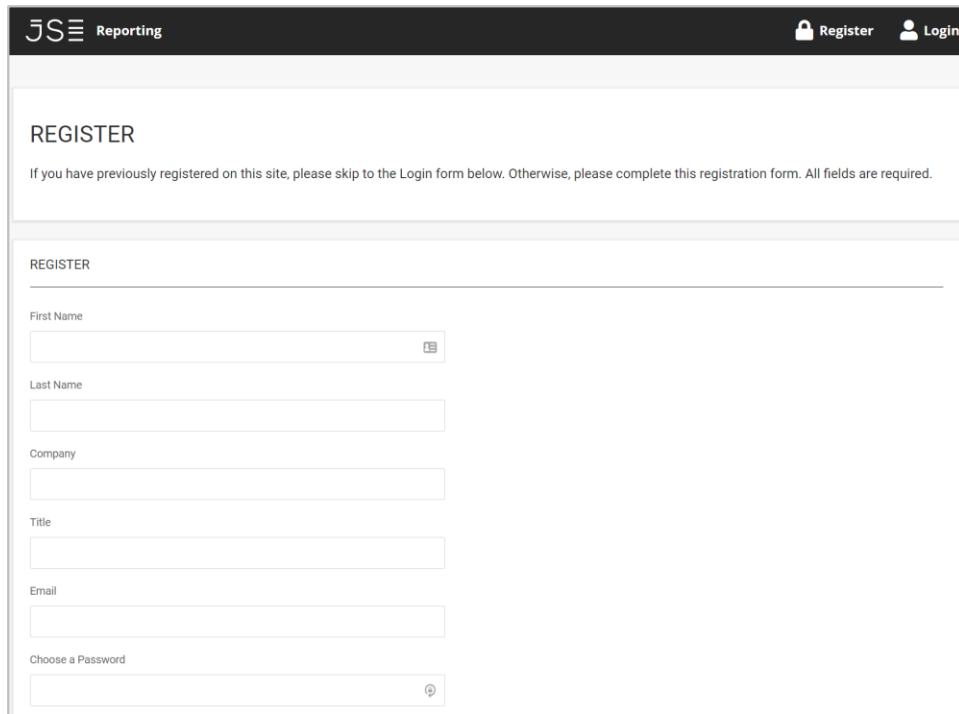


Demo/Sandbox URL:

<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 sandbox and you will see your products.



The screenshot shows the 'JSE Reporting' web application. At the top, there is a dark header with the 'JSE' logo and the word 'Reporting'. On the right side of the header are two links: 'Register' with a lock icon and 'Login' with a user icon. Below the header, the main content area is titled 'REGISTER'. A message states: '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 message 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).

Production Reporting Portal URL:

<https://marketdataconnect.jse.co.za/reporting>

Notification emails from system will be from :

marketdataconnect@jse.co.za

Thank You

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