

## SERVICE HOTLINE

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**Name and Surname:** Chris Grove  
**Designation:** Head - PTS Cash Market Operations

### BDA SCREEN SCRAPING (INCLUDING 3270 KEYSTROKE EMULATION VIA TERMINAL EMULATORS) IMPACT ASSESSMENT AND CLIENT ACTION REQUIRED

As previously communicated, the JSE is progressing with the modernisation of the Broker Deal Accounting (BDA) application, transitioning from the current IBM z/OS mainframe environment to a modern cloud-based architecture hosted on AWS.

This change will impact the 'screen scraping' done by some clients. The JSE will endeavour to maintain BDA application backward compatibility wherever possible, but the move to cloud-based, browser accessed platforms will introduce unavoidable changes, including screen scraping. We are therefore engaging with clients to ensure the early identification and mitigation of any such potential impacts arising.

#### Use of Screen Scraping (including 3270 keystroke emulation via terminal emulators)

While the JSE does **not support or endorse screen scraping** for data input or extraction from the BDA application, we are aware that some clients currently employ screen scraping techniques against the current BDA user interface.

It is important to note the following:

- The future BDA solution will **not replicate the 3270-terminal environment**.
- User access will be provided via **modern, browser-based interfaces**.
- Rendering behaviour, session handling, and client-side controls may differ from the current mainframe experience.
- As a result, **existing screen scraping implementations will have to be changed for** the cloud-based BDA environment.

#### 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(S):

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](mailto:customersupport@jse.co.za)

#### Required Client Action:

1. Clients who currently make use of screen scraping, **through inhouse developed solutions or via third party software or IT service providers, are requested to initiate an impact analysis and future solution planning.** This should include:
  - Identifying where and how screen scraping is used, and the business processes or downstream systems dependent on it.
  - Assessing the impact of migrating to a browser-based interface, including automation constraints, session management, and security considerations.
  - Clients are responsible for planning and implementing alternative approaches, these may include process changes, use of supported integrations, or refactoring or retiring current screen scraping dependent workflows. The JSE will not provide client-specific alternative solutions.
2. **Impacted clients are requested to notify the JSE** to enable appropriate support and engagement during their change activities.

#### Next Steps and Ongoing Engagement

This communication serves as **early notice** to support proactive planning ahead of future migration milestones. Further details on supported access patterns and integration options will be shared as the programme progresses.

Clients are encouraged to raise any material risks or dependencies identified through their assessment via their usual JSE relationship channels or the project mailbox at [BDAM@jse.co.za](mailto:BDAM@jse.co.za)

We appreciate your proactive engagement and collaboration as we modernise the BDA platform to ensure a secure, scalable, and sustainable solution for the future. Clients requiring further discussions are invited to engage with the JSE to arrange a meeting.

#### BDA Modernisation Programme