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REAL TIME CLEARING AND TRADING SYSTEM HALT ON 10 FEBRUARY 2020

The JSE would like to provide further information on the outage experienced on the Equity and Currency Derivatives Markets on 10 February 2020.

A scheduled upgrade of the Real Time Clearing System (RTC) was deployed on the weekend of 8 February 2020. The upgrade and the deployment thereof was tested successfully in various JSE test environments prior to go live.

A data misalignment across the primary and secondary nodes of one of the RTC components was identified during the health checks on Monday morning 10 February 2020. This problem resulted in real time risk updates not being disseminated to the market as well as impacting the clearing system receiving user created instruments matching in the JSE's trading system.

The JSE engaged the software provider of RTC and explored various options to rectify the problem without disruption to the market. Unfortunately, this was not possible and considering further impacts this issue could potentially have had to end of day processing a decision was made in conjunction with various trading and clearing advisory committees to halt trading to resolve the problem.

During the trading halt, the RTC upgrade was re-deployed and the relevant primary and secondary nodes resynched. Trades matched to this point were replayed into the clearing system resulting in customers having to reprocess any post trade activities.

The JSE is further investigating the root cause of the incident to prevent a reoccurrence for future RTC upgrades.

We apologise for the inconvenience this issue and the resultant trading halt caused our customers and their clients.

Market / Service:

JSE Derivative Markets

- Equity Derivatives
- Currency Derivatives

Environment(s):

Production

Additional Information:

If you have any queries about this communication, please contact the JSE Clearing and Settlement team on +27 11 520 7349 or e-mail clearops@jse.co.za

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