



## SERVICE HOTLINE

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## ENCRYPTED TRANSMISSION SESSIONS BETWEEN THE JSE AND YOUR ORGANISATION USING TRANSPORT LAYER SECURITY (TLS)

### Background

With the increase of cyber-attacks, ransomware and electronic transmission of information, there is a need for organisations to improve on how information is secured between communicating parties. Email is being used as a key communication tool in organisations, and can be exposed to various potential security breaches of information.

With a heightened focus on information security and good corporate governance practices, one way of securing communication flow is through the use of encrypted transmission sessions. Encrypted transmission sessions are used to protect email message content from being read by entities other than the intended recipients. When email is sent through encrypted transmission sessions it cannot be read by anyone who does not have the appropriate decryption key. Encryption reduces the risks of exposure and tampering with sensitive information as it is being transmitted.

In line with best practice, the JSE has enabled “opportunistic” **Transport Layer Security (TLS)** to allow clients that also utilise TLS to communicate more securely with us via the same protocol and in this instance, between the JSE Email server and the Email servers of our clients.

### Enabling Transport Layer Security (TLS)

The JSE would like to confirm with your organisation, whether you would prefer having **opportunistic TLS** enabled and if yes, kindly let us know if you would like to enable **mandatory TLS** between your Email domain and the JSE’s Email domain.

In order for the JSE to assist with the encryption transmission enablement:

- kindly provide us with the **technical contact detail** of the person or persons we can engage with regarding the above, by the **end of June 2017** or
- if you do not want **either opportunistic or mandatory TLS** enabled, could you kindly let us know the reasoning and whether you are willing to consider enabling either TLS in the future.

The JSE would appreciate receiving feedback on the above from your organisation by **15 July 2017** and should you have any queries please contact the Client Services Centre (CSC) on +27 11 520 7777 or e-mail [customersupport@jse.co.za](mailto:customersupport@jse.co.za).

### Markets/Services

JSE Equity Market

JSE Derivative Markets

- Equity Derivatives
- Currency Derivatives
- Commodity Derivatives

JSE Interest Rate and Bonds Market

JSE Broker Deal Accounting (BDA)

JSE Colocation Services

Market Data

### Environment(s):

Production – email server

### Additional Information:

If you have any queries about this announcement, please contact the Client Services Centre on +27 11 520 7777 or e-mail [customersupport@jse.co.za](mailto:customersupport@jse.co.za)

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