JSE

SERVICE HOTLINE

REFERENCE NUMBER: **151/2015**

16 October 2015

MODULUS 10 CHECK DIGIT VALIDATION

A number of members have raised the concern that they are running out of account numbers in the client account range. As a way of addressing this concern, the JSE is investigating the removal of the MOD10 Check Digit on Client Accounts in BDA.

The MODULUS 10 Check Digit Validation (also known as the LUHN Formula) is a simple checksum formula used to validate numbers. It was designed to protect against accidental errors, not malicious attacks*. The JSE is aware that some members include this validation in internal systems and we would like members to advise us if the removal of this validation will impact their internal systems.

As this is an urgent matter, we would appreciate if members and/or your service provider can advise the JSE if the removal of the MODULUS 10 Check Digit calculation from BDA will have any impact on your internal systems. If there is an impact, we would also appreciate if you could provide the JSE a high level assessment of the impact. This information is required as the JSE needs to make a decision on the way forward.

Please send this impact assessment to BarbaraT@jse.co.za by e-mail no later than 30 October 2015. It will be assumed that if no response is received from a member by this date that there is no impact to that member.

If you require any further discussion on this matter, please contact Barbara Teasdale on the above e-mail or on (011) 520-7886.

Your speedy response to this request is appreciated.

Markets/ Service (s):
BDA

Environment(s):
Production

Additional Information:
If you have any queries about this announcement, please contact Barbara Teasdale on
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*Wikipedia