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eurex clearing
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Recipients: All Clearing Members, Non-Clearing Members and Registered Customers of Eurex Clearing AG and Vendors
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Security enhancements for the Eurex Clearing GUIs for access via leased line and internet

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Content may be most important for:
➲ All departments

Attachments:
none

Summary:

Two new security enhancements will be introduced for the new Eurex Clearing GUIs, i.e. EurexOTC Clear GUI, the Margin Calculator GUI, the Securities Clearing GUI and the new Derivatives Clearing GUI for C7.

Currently, access to the Derivatives Clearing GUI, the EurexOTC Clear GUI, the Margin Calculator GUI and the Securities Clearing GUI via internet requires usage of a certificate in order to increase authentication security. Eurex Clearing will extend this security feature for access via leased line. Using the Derivatives Clearing GUI, the EurexOTC Clear GUI, the Margin Calculator GUI or the Securities Clearing GUI via leased line will require a certificate starting on **3 June 2014** in **simulation** and on **16 June 2014** in **production**. From these dates on, access to any of these GUIs without a valid certificate will no longer be possible.

Eurex Clearing will implement a check that validates that a Member is logging in from allowed IP networks or IP addresses only. Access from other IP networks or IP addresses will not be possible. Members can choose to restrict or disable access via internet. Eurex Clearing will use the Member-bound network configuration for access via leased line. For the Derivatives Clearing GUI in C7, these checks have been activated together with the simulation start on **15 April 2014** and will be activated in production with production start on **30 June 2014**. The EurexOTC Clear GUI, the Margin Calculator as well as the Securities Clearing GUI will introduce the new feature at a later date, which will be announced separately in due time.

Please note: These changes do not apply to Eurex Clearing GUIs offered via the WebTrading service, e.g. the @X-tract GUI.

Security enhancements for the Eurex Clearing GUIs for access via leased line and internet

Introduction

Two new security enhancements will be introduced for the new Eurex Clearing GUIs, i.e. EurexOTC Clear GUI, the Margin Calculator GUI, the Securities Clearing GUI and the new Derivatives Clearing GUI for C7.

Currently, access to the Derivatives Clearing GUI, the EurexOTC Clear GUI, the Margin Calculator GUI or the Securities Clearing GUI via internet requires usage of a certificate in order to increase authentication security. Eurex Clearing will extend this security feature for access via leased line. Using the Derivatives Clearing GUI, the EurexOTC Clear GUI, the Margin Calculator GUI or the Securities Clearing GUI via leased line will require a certificate starting on 3 June 2014 in simulation and on 16 June 2014 in production. From these dates on, access to any of these GUIs without a valid certificate will no longer be possible.

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Please note: These changes do not apply to Eurex Clearing GUIs offered via the WebTrading service, e.g. the @X-tract GUI.

Certificates for access via leased line

Members need to generate a certificate and upload the corresponding public key into the Member Section of Eurex Clearing at member.eurexclearing.com. The private key of the certificate then needs to be imported into the web-browser. The same certificate can be used to access the different Eurex Clearing GUIs and to connect via internet or leased line. Already uploaded certificates are valid for all Eurex Clearing GUIs and for access via internet and leased line.

Members can implement and use their own individual security policies regarding the distribution and usage of the certificates:

- One certificate can be used for each user of a Member.
- One certificate can be used for a group of users of the Member.
- One certificate can be used for one dedicated user of the Member.

Instructions for the generation of certificates and the upload process can be found in the Clearing GUIs *Access Guide* which is valid for all Eurex Clearing GUIs and is available on the website of Eurex Clearing www.eurexclearing.com under the link:

Technology > Eurex Clearing's C7 > System documentation

Eurex Clearing recommends each Member to generate and upload any missing certificates in time in order to avoid any connection issues.

Check of IP addresses for access via internet and leased line

With the new check on IP networks or IP addresses for access via internet, Members can decide on their desired level of security and make the appropriate configuration in the certificate upload area for the Eurex Clearing GUIs in the Member Section:

- Members can disable access via internet. This way, access via internet for the corresponding Member is disabled.
- Members can enter IP addresses from which access will be allowed. This way, access from the defined IP addresses only will be possible.
- Members can allow access from any IP address if the IP addresses field is left blank in the Member Section. This means that there are no restrictions regarding access from the internet. This is currently the default setting in order to avoid any lock-out of already productively used GUIs.

Eurex Clearing knows already the Member's networks when accessing through leased line. Therefore, no configuration for access via leased line can be performed in the Member Section. Eurex Clearing will allow access from the Member's leased line networks and from any associated Service Provider, respectively. This implies that any Service Provider relationship needs to be maintained correctly in the Member Section if the Member is accessing any of the Eurex Clearing GUIs via the leased line network of a Service Provider.

These checks will be made available at different times for the Eurex Clearing GUIs:

- For the Derivatives Clearing GUI for C7, these checks have been activated together with the simulation start on 15 April 2014 and will be activated in production as of 30 June 2014
- For the EurexOTC Clear GUI, the Margin Calculator and the Securities Clearing GUI, the start of this security feature will be announced separately in due time.

Eurex Clearing recommends to perform any required IP configuration for access via internet or to perform any missing Service Provider configuration in time in order to avoid any connection issues.

Please note that Eurex Clearing reserves the right to cease to provide this IP address security check at any time in the future. In case Eurex Clearing intends to do so, Eurex Clearing will notify the Members by publishing a circular with a reasonable period before actually ending the IP address security check.

Intraday updates of the GUI configuration

Eurex Clearing enhanced the Member Section regarding the Eurex Clearing GUI configuration in order to allow intra-day updates for the Eurex Clearing GUIs. This way, any changes in the Member Section regarding the Eurex Clearing GUI such as additions or deletions of certificates, changes to the IP addresses for the internet access etc. become active intra-day.

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