X-pand into the Future

e u r e x *circular 112/06*

Date: Frankfurt, May 30, 2006
Recipients: All Eurex Members and vendors
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High Priority

Broadcast Rate at Eurex: Increase

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Content may be most important for:	**Attachments:**
➲ Front Office / Trading ➲ IT / System Administration ➲ Auditing / Security Coordination	none

With this circular Eurex wants to inform its participants about the broadcast rate development since the introduction of Eurex Release 8.0.

Due to the increased trading volume and introduction of Advanced Market-Making the maximum broadcast rate at Eurex has more than doubled.

The Sizing Guidelines published prior to the introduction of Eurex Release 8.0 gave a minimum recommendation for the CPU specification for servers and workstations based on an average broadcast rate of 850 broadcasts (hertz) per second.

Since the introduction of Eurex Release 8.0 the maximum broadcast rate has increased to approximately 1,800 broadcasts per second.

For an updated calculation of CPU SpecInt values which takes the increased broadcast rate into consideration the SpecInt values indicated in the Eurex Release 8.0 Sizing Guidelines can simply be linearly extrapolated to 1,800 hertz.

For example a broadcast rate of 1,800 hertz for the MISS architecture will result in a SpecInt value of 337 under Windows and of 157 under Solaris.

With regard to Eurex Trading GUI @X-ceed it has to be considered that the Displayed Rate is correspondingly lower. If approximately 20 percent of the data is subscribed to, this corresponds in @X-ceed to a broadcast rate of 360 hertz.

Eurex will take this increase into account in the Sizing Guidelines for Eurex Release 9.0, which is scheduled to be published on August 11, 2006.