X-pand into the Future

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High priority

Architecture Throttle: Adjustment

Related Eurex Circulars: 005/01

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Content may be most important for:	**Attachments:**
➲ IT/System Administration	none

By means of "Architecture Throttle" the Eurex Exchanges limit transaction rates of MISS front-end installations to avoid that particular front-end installations with extremely high transmission rates endanger the entire operations of the Exchanges.

The "Architecture Throttle" is integrated into the MISS architecture. The Eurex Exchanges control it by means of two different parameters:

1. **Maximum Transaction Rate:**
The value of this parameter defines the maximum frequency at which the particular MISS may send transactions to the Eurex back-end.

2. **Maximum Queue Length:**
The value of this parameter defines the maximum number of transactions which will be buffered in an intermediate queue while the maximum transaction rate has been exceeded.

For a better support of electronic trading schemes both parameters will be increased with regard to the maximum transaction rate from 50 to 80 transactions per second and member MISS. Thus, the two parameters will be consistently fixed with immediate effect for each member MISS as follows:

1. **Maximum Transaction Rate:** 80 transactions per second

2. **Maximum Queue Length:** 250

These values will guarantee that the "Architecture Throttle" will indeed only become effective in case of an obvious misconfiguration of a particular MISS front-end installation which might endanger exchange operations.