X-pand into the Future

eurex circular 044/09

Date: Frankfurt, March 24, 2009
Recipients: All Trading Members of Eurex Deutschland and Eurex Zürich and Vendors
Authorized by: Jürg Spillmann

1. Eurex Release 11.0: Simulation Calendar April 6 to June 14, 2009
2. Matcher/Host Failover Test Scenarios in the Eurex Release 11.0 Simulation Environment

Related Eurex Circulars: 256/08, 287/08

Contact: Member Services & Admission, tel. +49-69-211-1 17 00

Content may be most important for:

- Middle + Backoffice
- IT/System Administration

Attachment:
Detailed Simulation Calendar Eurex from April 6 to June 14, 2009

Summary:

Attached to this circular we are providing the calendar for the Permanent Simulation environment of Eurex Release 11.0 from **April 6** until **June 14**, **2009**.

In general, simulation will be available continuously, including at the weekends.

Simulation time on batch days will be limited.

Detailed information on the simulation including a list of current simulation instruments and the schedule for batch days can be found on the Eurex website under the path:

www.eurexchange.com > Member Section > Simulation > Eurex Standard Simulation

Please also note the information regarding planned matcher- and host failover tests in the Eurex Release 11.0 simulation environment as described in the following.

For any further questions you may have please do not hesitate to contact the Member Services & Admission Team at telephone +49-69-211-1 17 00.

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1. Eurex Release 11.0: Simulation Calendar April 6 to June 14, 2009

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2. Matcher/Host Failover Test Scenarios in the Eurex Release 11.0 Simulation Environment

In order to provide Members with the possibility to perform tests of their own application's failover behavior in the event of a host- and matcher crash / failover on the Eurex® system, host- and matcher failovers will be initiated in the Eurex Release 11.0 simulation environment on the following day as described below:

Matcher crash / failover of the Eurex® system in the simulation environment

May 13, 2009: 16:00 CET => First matcher crash simulation, affected product: **FGBL**

May 13, 2009: 16:30 CET => Second matcher crash simulation, affected product: **ODAX**

During the first matcher crash, at least the product FGBL and during the second at least the product ODAX will be affected. After crash of the respective matcher, it will be restarted again immediately. The restarted matcher will take over the processing of all products which have been served by the crashed one. Before starting its normal activities, the matcher initiates a Market Reset event for these products.

Up to four host crashes / failovers on the Eurex® system in the simulation environment

May 13, 2009: 17:00 - 18:00 CET

At the above-mentioned time, the simulation hosts will be shut down up to four times so that the other hosts can take over the processes of the host which is shut down. As a consequence of these actions, the source identifier (SrcId = relative host number, the identifier of the message disseminating source) will change each time the other host takes over enabling members to verify the failover behavior of their own application in detection of out of sequence or dropped / missing messages.

As a result all non-persistent orders and quotes for products processed on the crashed host will be removed from the system and the appropriate VALUES/OrderConfirmations/ordrTrnTypId="58"="Deletion due to Market Reset" and Enhanced Transaction Solution / (Foreign Event) Mass Delete/TrnReasonCode="58" messages are sent to MISS / Enhanced Transaction Solution sessions.

Please note: At least for one failover host a fallback will be initiated. This means that the host is restarted during trading and products normally served by it will be moved back to that host. Another Market Reset will not take place in this case.

Members intending to participate in these tests are required to add orders (especially non-persistent orders) for above-mentioned products and check after the Market Reset if their applications have received and properly processed the respective messages. The corresponding Enhanced Broadcast Solution streams will disseminate different source id's and sequence numbers for the affected products after failover / fallback.

Frankfurt, March 24, 2009

Simulation Schedule Eurex 11.0
April 6, 2009 – June 14, 2009

Week 15	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	06.04.2009	07.04.2009	08.04.2009	09.04.2009	10.04.2009	11.04.2009	12.04.2009
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day					Good Friday		
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	07.04.2009	07.04.2009	09.04.2009	09.04.2009	14.04.2009	14.04.2009	14.04.2009

Week 16	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	13.04.2009	14.04.2009	15.04.2009	16.04.2009	17.04.2009	18.04.2009	19.04.2009
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Easter Monday			OSTK, FSTK, OINX, HICP			
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	14.04.2009	14.04.2009	16.04.2009	16.04.2009	21.04.2009	21.04.2009	21.04.2009

Week 17	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	20.04.2009	21.04.2009	22.04.2009	23.04.2009	24.04.2009	25.04.2009	26.04.2009
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day				OFBD, FENE, O1BM,			
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	21.04.2009	21.04.2009	23.04.2009	23.04.2009	28.04.2009	28.04.2009	28.04.2009

Week 18	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	27.04.2009	28.04.2009	29.04.2009	30.04.2009	01.05.2009	02.05.2009	03.05.2009
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day				FEO1	Labour Day		
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	28.04.2009	28.04.2009	30.04.2009	30.04.2009	05.05.2009	05.05.2009	05.05.2009

Week 19	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	04.05.2009	05.05.2009	06.05.2009	07.05.2009	08.05.2009	09.05.2009	10.05.2009
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 16:00	10:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day		OES1, OSM1					
Batch Day	No	Yes	Yes	Yes	No	No	No
Business Day	05.05.2009	05.05.2009	06.05.2009	07.05.2009	12.05.2009	12.05.2009	12.05.2009

Week 20	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	11.05.2009	12.05.2009	13.05.2009	14.05.2009	15.05.2009	16.05.2009	17.05.2009
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day			Matcher / Host Failover Test Scenarios	OSTK, FSTK, OINX, HICP			
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	12.05.2009	12.05.2009	14.05.2009	14.05.2009	19.05.2009	19.05.2009	19.05.2009

Week 21	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	18.05.2009	19.05.2009	20.05.2009	21.05.2009	22.05.2009	23.05.2009	24.05.2009
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day		OFBD		Ascension Day			
Batch Day	No	Yes	No	No	No	No	No
Business Day	19.05.2009	19.05.2009	26.05.2009	26.05.2009	26.05.2009	26.05.2009	26.05.2009

Week 22	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	25.05.2009	26.05.2009	27.05.2009	28.05.2009	29.05.2009	30.05.2009	31.05.2009
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day				FENE, FEO1, O1BM			
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	26.05.2009	26.05.2009	28.05.2009	28.05.2009	02.06.2009	02.06.2009	02.06.2009

Week 23	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	01.06.2009	02.06.2009	03.06.2009	04.06.2009	05.06.2009	06.06.2009	07.06.2009
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Whit Monday	OES1, OSM1					
Batch Day	No	Yes	No	No	No	No	No
Business Day	02.06.2009	02.06.2009	09.06.2009	09.06.2009	09.06.2009	09.06.2009	09.06.2009

Week 24	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	08.06.2009	09.06.2009	10.06.2009	11.06.2009	12.06.2009	13.06.2009	14.06.2009
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day		FBND		Corpus Christi			
Batch Day	No	Yes	No	No	No	No	No
Business Day	09.06.2009	09.06.2009	16.06.2009	16.06.2009	16.06.2009	16.06.2009	16.06.2009