



e u r e x c i r c u l a r 1 3 9 / 1 2

Date: June 22, 2012
Recipients: All Trading Participants of Eurex Deutschland and Eurex Zürich and Vendors
Authorized by: Jürg Spillmann

Eurex Release 14.0 Simulation:
1. Simulation Calendar from July 2 to September 2, 2012
2. Matcher/Host Failover Schedule and Test Scenarios

Contact: Member Services & Admission, tel. +49-69-211-1 17 00,
e-mail: memberservices@eurexexchange.com

Content may be most important for:

- Ü Middle + Backoffice
- Ü IT/System Administration

Attachment:

Eurex Release 14.0 Permanent Simulation Calendar
from July 2 to September 2, 2012

Summary:

Attached to this circular we are providing the calendar for the permanent simulation of Eurex Release 14.0 from **July 2 to September 2, 2012**. In general, simulation will be available continuously, including weekends.

Please note:

- Eurex Release 14.0 Simulation will be closed on Wednesday, July 4, 2012 for maintenance.
- Simulation batch days are often not on the usual Tuesdays and Thursdays due to holidays; the number of batch days has been increased; simulation time on batch days will be limited.
- Matcher and host failover tests are scheduled for **Wednesday, July 25, 2012**, as described in this circular.
- Detailed information on the simulation including a list of current simulation instruments and the current schedule for batch days can be found on the Eurex website www.eurexexchange.com under the following path:

Member Section > Simulation > Eurex Standard Simulation

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



Eurex Deutschland
Börsenplatz 4
60313 Frankfurt/Main
Mailing address:
60485 Frankfurt/Main
Germany

T +49-69-211-1 17 00
F +49-69-211-1 17 01
memberservices@eurexexchange.com
www.eurexexchange.com

Management Board:
Thomas Book, Michael Peters,
Andreas Preuss, Peter Reitz,
Jürg Spillmann

ARBN: 101 013 361

Eurex Release 14.0 Simulation:
1. Simulation Calendar from July 2 to September 2, 2012
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1. Simulation Calendar from July 2 to September 2, 2012

Attached to this circular is the calendar for the permanent simulation of Eurex Release 14.0 from July 2 to September 2, 2012. In general, simulation will be available continuously, including weekends. Simulation time on batch days will be limited.

Please note: Eurex Release 14.0 Simulation will be closed on Wednesday, July 4, 2012 for maintenance.

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

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2. Matcher/Host Failover Schedule and Test Scenarios

To enable Participants to test their own applications' failover behaviour in the event of a host and matcher crash/failover in the Eurex[®] system, host and matcher failovers will be initiated in the Eurex Release 14.0 simulation environment as described below.

Dates:

- Wednesday, July 25, 2012: 16:00 CEST: First matcher crash simulation, affected product: FGBL
- Wednesday, July 25, 2012: 16:30 CEST: Second matcher crash simulation, affected product: ODAX

During the first matcher crash, at least the product FGBL will be affected; during the second matcher crash, at least the product ODAX will be affected. The respective matcher will be restarted immediately after it has been crashed.

Before starting its normal activities, the matcher initiates a Market Reset event for these products.

On Wednesday, July 25, 2012, **between 17:00 and 18:00 CEST**, the simulation hosts will be shut down **up to four times**, enabling the other hosts to take over the processes of the host which was shut down. As a consequence, the source identifier (SrcId = corresponding host number, the identifier of the message disseminating source) will change each time another host takes over, thus enabling Participants to verify the failover behaviour of their own applications in detecting 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 deleted from the system and the appropriate VALUES/OrderConfirmations/ordrTrnTypId="58"="Deletion due to Market Reset" and messages of Enhanced Transaction Solution/(Foreign Event) Mass Delete/TrnReasonCode="58" will be sent to the MISS-/Enhanced Transaction Solution sessions.

Please note: For at least one host failover, a fall-back will be initiated, i.e. the host will be restarted during trading and products normally served by it will be moved back to that host. A Market Reset will not take place in this case.

Participants intending to take part in these tests are required to enter orders (especially non-persistent orders) for above-mentioned products and check after the Market Reset if their applications received and properly processed the respective messages. The corresponding Enhanced Broadcast Solution streams will disseminate different source IDs and sequence numbers for the affected products after failover/fall-back.

June 22, 2012

Simulation Schedule Eurex Release 14.0
July 2, 2012 - September 2, 2012

Week 27	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	02.07.2012	03.07.2012	04.07.2012	05.07.2012	06.07.2012	07.07.2012	08.07.2012
Online Time (CET)	0:00 - 24:00	0:00 - 16:00	-	10:00 - 16:00	10:00 - 24:00	0:00 - 24:00	0:00 - 24:00
Event / Last Trading Day	Eurex 14.0	Eurex 14.0 FENE	Closed due to maintenance	Eurex 14.0 OES1, DBK1	Eurex 14.0	Eurex 14.0	Eurex 14.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	03.07.2012	03.07.2012	-	05.07.2012	10.07.2012	10.07.2012	10.07.2012

Week 28	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	09.07.2012	10.07.2012	11.07.2012	12.07.2012	13.07.2012	14.07.2012	15.07.2012
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	Eurex 14.0	Eurex 14.0 FENE	Eurex 14.0	Eurex 14.0 OKS2, DBK2	Eurex 14.0	Eurex 14.0	Eurex 14.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	10.07.2012	10.07.2012	12.07.2012	12.07.2012	17.07.2012	17.07.2012	17.07.2012

Week 29	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	16.07.2012	17.07.2012	18.07.2012	19.07.2012	20.07.2012	21.07.2012	22.07.2012
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	Eurex 14.0	Eurex 14.0 FVS, TOVS, FENE, OEU3	Eurex 14.0	Eurex 14.0 FSTK, OSTK, OINX, FCEF, OCEF, HICP, FGFX, FHOOG, FPIG, FSMP, FBUT	Eurex 14.0	Eurex 14.0	Eurex 14.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	17.07.2012	17.07.2012	19.07.2012	19.07.2012	24.07.2012	24.07.2012	24.07.2012

Week 30	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	23.07.2012	24.07.2012	25.07.2012	26.07.2012	27.07.2012	28.07.2012	29.07.2012
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	Eurex 14.0	Eurex 14.0 OGBL, OGBM, OGBS, FENE	Eurex 14.0 Matcher Crash / Host Failover Test	Eurex 14.0 FENE, FSEN, OSEN, OFEN	Eurex 14.0	Eurex 14.0	Eurex 14.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	24.07.2012	24.07.2012	26.07.2012	26.07.2012	31.07.2012	31.07.2012	31.07.2012

Week 31	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	30.07.2012	31.07.2012	01.08.2012	02.08.2012	03.08.2012	04.08.2012	05.08.2012
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	Eurex 14.0	Eurex 14.0 FEO1, FENE month-end quarter-end	Eurex 14.0	Eurex 14.0 FENE, OES1, DBK1	Eurex 14.0	Eurex 14.0	Eurex 14.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	31.07.2012	31.07.2012	02.08.2012	02.08.2012	07.08.2012	07.08.2012	07.08.2012

Week 32	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	06.08.2012	07.08.2012	08.08.2012	09.08.2012	10.08.2012	11.08.2012	12.08.2012
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	Eurex 14.0	Eurex 14.0 FENE	Eurex 14.0	Eurex 14.0 OKS2, DBK2	Eurex 14.0	Eurex 14.0	Eurex 14.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	07.08.2012	07.08.2012	09.08.2012	09.08.2012	14.08.2012	14.08.2012	14.08.2012

Week 33	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	13.08.2012	14.08.2012	15.08.2012	16.08.2012	17.08.2012	18.08.2012	19.08.2012
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	Eurex 14.0	Eurex 14.0 OEU3, FENE	Eurex 14.0	Eurex 14.0 FSTK, OSTK, OINX, FCEF, OCEF, FGFX, HICP	Eurex 14.0	Eurex 14.0	Eurex 14.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	14.08.2012	14.08.2012	16.08.2012	16.08.2012	21.08.2012	21.08.2012	21.08.2012

Week 34	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	20.08.2012	21.08.2012	22.08.2012	23.08.2012	24.08.2012	25.08.2012	26.08.2012
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	Eurex 14.0	Eurex 14.0 FENE, FVS, TOVS	Eurex 14.0	Eurex 14.0 OGBL, OGBM, OGBS, FENE	Eurex 14.0	Eurex 14.0	Eurex 14.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	21.08.2012	21.08.2012	23.08.2012	23.08.2012	28.08.2012	28.08.2012	28.08.2012

Week 35	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Calendar Day	27.08.2012	28.08.2012	29.08.2012	30.08.2012	31.08.2012	01.09.2012	02.09.2012
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	Eurex 14.0	Eurex 14.0 FPIG, FHOOG, FENE	Eurex 14.0	Eurex 14.0 FSEN, OSEN, FENE, FEO1, DBK5, OES5 month-end	Eurex 14.0	Eurex 14.0	Eurex 14.0
Batch Day	No	Yes	No	Yes	No	No	No
Business Day	28.08.2012	28.08.2012	30.08.2012	30.08.2012	04.09.2012	04.09.2012	04.09.2012