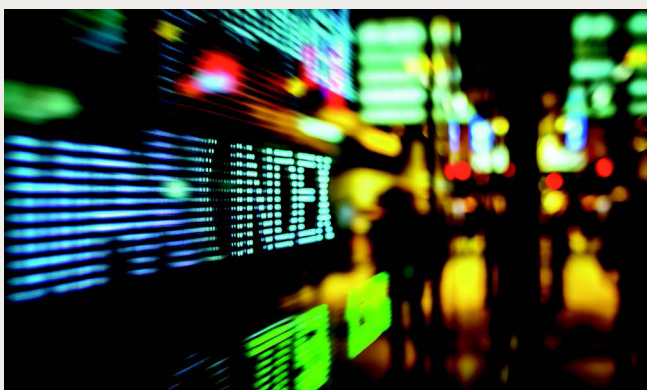


Factsheet
Xchange manager



Xchange manager: Monitoring the markets of the Deutsche Börse AG

More control for market and transaction data

More transparency plus test and analysis options

The gradual introduction of new architectures for stock exchanges is a major technological challenge for all participants. At the same time it also offers exciting new opportunities.

Now all applications connect directly with one or more markets of the trading services, rather than having a central junction between the market and the participant's own installation. The result is multi-faceted communication of the participant's infrastructure with the stock market. In addition, no analysis tools are provided by the Deutsche Börse AG. Thereby, controlling the status of transactions becomes complex and troubleshooting is made difficult.

Xchange manager

The solution: Xchange manager by oraise - more control over market data and transactions - more transparency

The Xchange manager enables participants to control the data flow of market prices and transactions. The information provided on their status is always visible for every department involved. Hence, all departments have the same view and knowledge of the current system status.

The functional and technical view on the individual interfaces are linked to the relevant departments. Thus, trading, trading support, IT and back office have the same level of information and the same view on the current trading status. Participants regain control of the data flow of market prices and transactions in the market.

Furthermore, Xchange manager enables a consolidation on a functional level. The complete history of transactions entered and the data transfer of applications are available in realtime and stored in a database, for example, for targeted troubleshooting and deeper analysis.

Xchange manager - markets of the Deutsche Börse AG

- Eurex Exchange T7
- Eurex Clearing C7
- Eurex Repo F7
- Xetra
- Scoach

Xchange manager | Frontend - User Interface

Flexible, transparent and customised

Xchange manager | Frontend is the graphical user interface useable either as a stand-alone solution or integrated into an existing intranet.

The Frontend monitors all market interfaces of the exchange and enables these to be actively responded to, the obtained data is consolidated into clearly presented information, as required.

Thus, the processed data is simultaneously available to all departments of a company involved.

Xchange manager | Frontend is optimally aligned to the specific needs of the participants of the market services of the Deutsche Börse AG and is quick and easy to use with trading architectures.

oraïse Xchange manager | Frontend

Simulation

Order Realtime View [↻](#) Switch trader/technical view [Help](#)

Max Messages: 50

Action	Contract	Trader	Side	Price	Qty	CumQty	Text 1	Text 2	Ownership Indicator	Entry Time	Prio Time	Notification Time	Transact Time
Order Cancelled	C BMW OCT2014 8750 0	SIM001	Buy		7	0							2014.10.02 09:14:37.3
Order Added	C BMW OCT2014 8750 0	SIM001	Buy	0.96	78	0	947592			2014.10.02 09:12:27.9	2014.10.02 09:12:27.9		2014.10.02 09:12:27.9
Order Added	C BMW OCT2014 8750 0	SIM001	Buy	0.97	7	0	947589			2014.10.02 09:12:03.4	2014.10.02 09:12:03.4		2014.10.02 09:12:03.4
Order Added	C BAY OCT2014 10000 0	SIM001	Sell	12.0	10	0				2014.10.02 09:11:25.8	2014.10.02 09:11:25.8		2014.10.02 09:11:25.8
Order Added	FDAX MAR2015	SIM001	Sell	9650.0	23	23				2014.10.02 08:58:34.4	2014.10.02 08:58:34.4		2014.10.02 08:58:34.4
Trade	FDAX MAR2015	SIM001	Sell	9650.0	23	23							2014.10.02 08:58:34.4
Order Added	C ALV OCT2014 14000 0	SIM001	Buy	None	1	1	CustAAA			2014.10.02 08:58:22.9	2014.10.02 08:58:22.9		2014.10.02 08:58:22.9
Trade	C ALV OCT2014 14000 0	SIM001	Buy	0.71	1	1	CustAAA						2014.10.02 08:58:22.9

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Xchange manager - Advantages at a glance:

- Realtime verification of consecutive sequence numbers for market data
- Searching current and historical reference data for the purpose of checking the plausibility of transaction data
- Automated verification of the session and gateway accessibility before the start of day
- Control of individual multicast streams
- Realtime display of trade confirmations
- Automated testing
- Extendibility to other exchanges distributing market data via IP multicast, e.g. NASDAQ OMX and NYSE Euronext

oraise - all the benefits from a single source.

The company has been delivering strong results in consulting and implementation services since 1994, in the fields of strategy and planning, to software and system development – right up to hosting, operations and continuous support.

oraise is headquartered in Bremen, Germany; with ten additional locations in Germany and Switzerland.

Advantages at a glance:

- Competent advice for the creation and implementation of a connectivity concept and for the connection of networks and applications
- Qualified advice for the development of customer interfaces for direct connections to the markets of Deutsche Börse AG
- Test environment for customer applications and access concepts in the oraise exchange laboratory
- Complete operation of the entire IT infrastructure
- Modular and customisable managed services and custom SLAs
- Specialist expertise and many years of experience in the financial market
- Qualified Help Desk and User Support
- High availability and system stability

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