

Connecting to ISE Xetra®

From 17th July 2017, following the migration of the ISE electronic order book to the new ISE T7 platform, ISE Xetra will be available only for the reporting of off order book on exchange trades in ISE instruments. This facility will then be migrated to the new ISE OBOE system, effective 4th December 2017.¹

Members can continue to connect to ISE Xetra during the period of 17th July to 4th December 2017 with the following options:

- The Xetra Multi-Interface Channel (not available for consolidated connections) enables access to the following interfaces - Enhanced Transaction Solution (ETS), Xetra FIX Gateway, and Xetra Market Data – via a single connection, thereby providing users with a wide range of services in one cost-effective channel. This can also be used to connect to other Xetra markets that have not yet migrated to T7.
- The ETS interface, available on both dedicated and consolidated connections. Separate sessions must be ordered for each market.
- The Enhanced Broadcast Solution (EnBS) interface is a high-speed market data service that also allows users to have access to the broadcast streams of the Xetra Market Data Interface. EnBS consolidated connections enable firms to also access FIX and ETS via their EnBS line.
- The FIX Channel gives access to the FIX Gateway, a point-to-point service based on the technology and the industry standards TCP/IP, FIX and FIX Session Protocol, supporting FIX versions 4.2 and 4.4. Members may use one FIX session to access all Xetra markets but separate sessions must be ordered for trading and back-office services.
- WebTrading: ISE Xetra can also be accessed via an internet connection. The WebTrading solution provides access to the Xetra J-Trader Trading GUI supporting administrative functions. This is required for firms which trade via ETS only but need to access the J-Trader to set-up and maintain traders' access levels.

Members should contact their Deutsche Börse TKAM if they have any questions on the connectivity options, or maintaining both the ISE Xetra and ISE T7 connections.

The cost of the various options is shown in the Monthly Connection Fees tables on the following page.

¹ ISE Xetra can also be used for the MiFID I Post-trade Transparency Service.

Monthly Connection Fees for accessing the ISE Xetra Trading Platform

1.1 Line Connections to the ISE

The following table outlines the prices for the various bandwidth and infrastructure options that are available for the ETS, the Multi-Interface Channel and the FIX Channel. If bandwidth has been purchased for another Xetra market, ISE Xetra Trading Members may use these lines to access ISE Xetra with no additional line charges.

Bandwidth	Bandwidth on line connections			Bandwidth on EnBS Connection ⁵	Bandwidth via Internet
	Data-Centres ²	Locations with Access Point ³	Locations without Access Point ⁴		
512 kbit/s		€1,500		€600	€750
2 Mbit/s	€2,000	€2,400	€3,800	€800	€900
10 Mbit/s	€2,500	€2,900	€5,300	€1,400	
1 Gbit/s ⁶	€3,000				
10 Gbit/s	€4,500				

1.2 Sessions and Session-based Connections to the ISE

For trading sessions on ISE Xetra via ETS or for trading session-based connections via the FIX Gateway the following monthly fees are charged⁷:

Access Type	Monthly Charge
ISE Xetra Enhanced Transaction Solution trading session (150 txn/s)	€500 each
ISE Xetra Enhanced Transaction Solution Light trading session (50 txn/s)	€250 each
ISE Xetra FIX Trading session-based connection	€250 each

Up to two ISE Xetra FIX Back-Office session-based connections are free of charge per trading member per month. Additional connections are charged at the following monthly fees:

Access Type	Monthly Charge
ISE Xetra FIX Back-Office session-based connection	€100 each

1.3 Fees for WebTrading

For member firms connecting to ISE Xetra via WebTrading, the following monthly fees are charged:

Access Type	Monthly Charge
WebTrading certificate for ISE Xetra	€300 each

For providing a replacement certificate (in case of loss or damage) or if certificates are not returned after termination of contract, a one-time fee of €50 per certificate will be charged.

Depending on their connectivity arrangements ISE Trading Members may be entitled to a limited number of WebTrading tokens for ISE Xetra free of charge. For more information, please send an inquiry to isexetra@ise.ie.

² In Co-Location and Proximity data centres in Frankfurt/Main, Germany

³ Access Points: Amsterdam, Frankfurt/Main, London (including Proximity data centre in London), Madrid, Milan, Paris, Vienna, Zurich.

⁴ The specified prices apply to all connections within Europe. Connections from outside Europe are charged with individual connection prices.

⁵ As "FIX Channel" (512 kbit/s and 2 Mbit/s) and as "Enhanced Transaction Solution Channel" (2 Mbit/s and 10 Mbit/s). For provision of an Enhanced Broadcast Solution connection, separate fees are charged in accordance with the Enhanced Broadcast Solution Connection Agreement.

⁶ Only offered in Co-Location data centre in Frankfurt/Main.

⁷ For dedicated ISE Xetra line connections, ETS sessions and FIX Trading session-based connections for the equivalent monthly value of up to €1,000 per trading member are free of charge. For firms accessing ISE Xetra on shared lines, ISE ETS sessions and FIX Trading session-based connections for the equivalent monthly value of up to €250 per trading member are free of charge. Sessions and session-based connections above these values are charged at the above-mentioned fees.