



Bandwidths and connection fees

The following table provides an overview of the pricing for connectivity and availability of the options by location. Connections mentioned

allow Trading Members and Multi-Member-Service Providers access to both, the T7 trading system and the Xetra trading system.

Fee per connection

Service	Bandwidth (Mbit/s)	Fee per connection (EUR/month)					iAccess
		Co-Location (Equinix) ¹	Leased Line in Tier A ²	Leased Line in Tier B ³	Leased Line in Tier C ⁴		
T7/Xetra Multi-Interface Channel (MIC)	7	1,500	1,500		1,500	1,500	750
	80	3,000	4,200		R ⁵	R	-
	200	4,000	5,400		R	R	-
T7 EMDI/Xetra Market Data: Co-Location / Co-Location 2.0	10,000	4,500 / 5,000 (2.0)	-		-	-	-
T7 EOBI/Xetra Market Data: Co-Location / Co-Location 2.0	10,000	5,500 / 6,000 (2.0)	-		-	-	-
T7 EOBI and EMDI/Xetra Market Data: Co-Location / Co-Location 2.0	10,000	6,500 / 7,000 (2.0)	-		-	-	-
T7/Xetra Transactions: Co-Location/ Co-Location 2.0	10,000	4,500 / 5,000 (2.0)	-		-	-	-
T7/Xetra GUI-Channel (in combination with MIC)	1	40	60		100	110	-
	3	110	170		300	340	-
	10	380	600		1,000	1,100	-
	40	1,500	2,300		R	R	-
T7/Xetra GUI via Internet	n/a				500 ⁶		-
Dedicated T7/Xetra GUI-Channel (without MIC)	7	-	1,500		1,500	1,500	-
	40	-	2,300		R	R	-

¹ For Trading Members admitted at Frankfurter Wertpapierbörse, who had not been connected via own connections or a Multi-Member Service Provider to the exchange trading place Xetra before the migration to T7 and who have established a connection in Co-Location until June 30, 2019, no fees will be charged for the first six month period of connection in Co-Location, in maximum until December 31, 2019 for a redundant connection via a Xetra Multi-Interface channel including GUI channel or a redundant 10 Gbit/s connection in Co-Location 2.0 to T7/Xetra market data and T7/Xetra transactions. Affiliated companies of already active Trading Members are not eligible for this offering.

² Metro areas of Amsterdam, Frankfurt, London, Milan, Paris and Zurich

³ Austria, France, Germany, Netherlands, Switzerland and UK

⁴ Belgium, Denmark, Finland, Ireland, Italy, Luxembourg, Portugal, Spain and Sweden

⁵ R: High-bandwidth MIC (80 Mbit/s, 200 Mbit/s) and Xetra-GUI Channel in other locations available upon request (connection fee will be at least Tier A).

⁶ T7/Xetra GUI via Internet is free of charge for participants with a MIC, a GUI-Channel, a 10 Gbit/s connection in Co-Location or if a connection via a Multi-Member-Service Provider is used.

Connection via Multi-Member-Service Provider

Service	Bandwidth of used Installation (Mbit/s)	Fee per used Installation (EUR/month)		
		Up to 2 Sessions	3 to 6 Sessions	More than 6 Sessions
Connection to T7 via Multi-Member Service Provider ⁷	7	0	0	0
	80-200	200	400	800
	10,000	400	800	1,600

Sessions

For the sessions required to trade on the trading venues Xetra and Börse Frankfurt the following fees will be charged monthly:

Prices for sessions per month

Session	Price (EUR/month)
Full Session (max. 150 Transactions/Second) - ETI (HF*, LF**)/ETS	500
Light Session (max. 50 Transactions/Second) - ETI (HF*)	250
1 st to 10 th session per Trading Member	200
from 11 th session per Trading Member	250
FIX Trading Session (max. 50 Transactions/Second)	250
ETI / FIX Back Office Session	100

*HF=High Frequency; **LF=Low Frequency

Fees for sessions per Trading Member and exchange trading place (Xetra and Börse Frankfurt) are reduced up to EUR 1,000 per month.

Connectivity via Multi-Member-Service Providers

For Multi-Member Service Providers, an additional fee of EUR 3,000 per month will be charged. A Multi-Member-Service Provider will be charged a monthly fee of EUR 500 per Trading Member, for the dissemination of un-netted market data (T7 EMDI, T7 EOBI) to Trading Members.

Benefit for new Xetra-Participants

Deutsche Börse remits transaction costs for new participants for the period of twelve months to the amount of EUR 3,000 per month.

Contacts

Please do not hesitate to contact your Key Account Manager or call +49-(0) 69-2 11-1 16 40 for any questions you may have.

Publisher

Deutsche Börse AG
60485 Frankfurt/Main
www.xetra.com
Follow us on Twitter @Xetra
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⁷ The Trading Member is charged a fee for each installation of a Multi-Member-Service Provider that can be used with a registered ETI or FIX trading session for the exchange trading place Xetra. The fee is determined by the provided bandwidth and the number of ETI and FIX trading sessions registered per installation for the exchange trading place Xetra. If the Trading Member already pays fees for MICs, GUI-Channels and connections in Co-Location then no fees up to this amount will be charged for connecting via Multi-Member-Service Providers. The connection via a Multi-Member-Service-Provider which is an affiliated company is exempted from this fee.