

APPROVED

Order No. МБ-П-2021-197

Dated 03 February 2021

TARIFFS FOR MOSCOW EXCHANGE INFORMATION AND IT SERVICES

These are tariffs charged by Moscow Exchange for its services provided under information technology service agreements (the "ITS Agreement"), MOEX co-location service agreements (The "Co-location Agreement") as well as for information services provided under information service agreements (the "Information Service Agreement").

The Tariffs are also applied to specific agreements under which the Technical Center provides services set out in the ITS Agreement (the "Agreements").

Terms used in these Tariffs have meaning ascribed to them in Russian law, Information Technology Services Terms, Co-location Agreements, Information Service Agreements and Moscow Exchange Market Data Policy.

Moscow Exchange can unilaterally change the Tariffs, including adjust them annually at the inflation rate calculated by a competent government agency.

Unless an ITS Agreement and/or Co-location Agreement and/or Information Service Agreement and/or Agreement provides for otherwise, the Tariffs are applied as per amounts and timings indicated in this document.

MOEX charges monthly fees for information and IT services unless these Tariffs set out otherwise.

Tariffs for resident of the Russian Federation are in RUB. Tariffs for non-residents are in EUR or USD. The Tariffs are exclusive of VAT which is charged in cases and according to the procedure set out in Russian law.

I. Service and software fees

1. Dedicated access server

Service	Registration fee (RUB)	Monthly fee (RUB)
Access server FORTS	40,000	30,000
Access server	3,000	6,000

2. Access to FAST Gate software

Service	Registration fee (RUB)	Monthly fee (RUB)
Access to FAST Gate software	-	6,000
Access to FAST Gate software – Equity & Bond Market	2,000	2,000
Access to FAST Gate software – FX and Precious Metals Market	2,000	2,000
Access to FAST Gate software – Derivatives Market	2,000	2,000
Full_orders_log	-	14,000

Note:

The fees are per one connection.

The fee for Access to FAST Gate software is charged to Clients enrolled to the service before 1 May 2019.

3. Risk calculation module (initial margin calculation library (DLL))

Service	Registration fee (RUB)	Monthly fee (RUB)
DLL Clients	750	250
DLL Clients 20	1,500	500
DLL Firm,500	15,000	5,000
DLL Firm Unlimited	30,000	5,000

Note:

If a Client is not a trading member of the MOEX Derivatives Market:

- an annual RUB 3,000 fee is charged for DLL Clients;
- an annual RUB 6,000 is charged for DLL Clients 20.

4. EDI applications

Service	Registration fee (RUB)	Monthly fee (RUB)	Further fee
Universal file gateway	-	416	

OTC Client	1,500	-	
EDC Client	1,500*	-	Allowed

Note:

Another fee is charged for EDC software along with the registration fee:

- RUB 40** – a one-off fee for every agreement/supplementary agreement executed with the use of EDC Client (regarding trades registered in the MOEX Equity Market trade register using data from MOEX Board);
- RUB 200** – a one-off fee for every agreement/supplementary agreement executed with the use of EDC Client (re other OTC trades, i.e. those that were not registered in the MOEX Equity Market trade register, were executed without data from MOEX Board and bank deposit agreements);
- RUB 30 – a one-off fee for printing out electronic documents and certifying them by the market operator at the client's request.

Note: the registration fee marked with an asterisk (*) is a constant component of the fee for the use of the EDC Client software. The one-off fee marked with a double asterisk (**) is a variable component of the fee for the use of the EDC Client software.

5. Plaza workstation / MOEX Board terminal / API

Service	Registration fee (RUB)	Monthly fee (RUB)
MOEX Board, quote mode	7,500	7,500
MOEX Board, view-only mode	1,500	2,400
Access to FIA news feed	-	1,200
API	4,500	3,000

Note:

The monthly fee for access to FIA news feed is charged per terminal.

6. Access to ASTSBridge software/ Plaza II FORTS gateway

Service	Registration fee (RUB)	Monthly fee (RUB)
ASTSBridge software	-	8,500
Plaza II FORTS gateway	2,000	2,000

Note:

The fees are per connection.

Access to ASTSBridge software is given for a network connectivity method as chosen by the client.

One connection to ASTSBridge software allows up to five gateway sessions (IDs) for each market (MOEX Equity & Bond, FX, Precious Metals and Money Markets).

7. Access to MOEX Dealing System

Service	Registration fee (RUB)	Monthly fee (RUB)
MOEX Dealing	-	50,000
Second, third, etc. ID (per ID)	-	5,000

Note:

The monthly fee for MOEX Dealing covers one (1) ID to access the system.

8. Data regarding non-regular trades (orders)

Service	Registration fee (RUB)	Monthly fee (RUB)
Providing data on non-regular trades (orders)	-	30,000

Note:

The service is available provided the Universal File Gateway software is in place.

9. Connection to the Technical Center network

Service	Registration fee (RUB)	Monthly fee (RUB)
ConnectME		
Connection to the Technical Center facilities	15,000	15,000
Device maintenance for remote connection to the Technical Center network (before 1 January 2021)	5,000	5,000
Device maintenance for remote connection to the Technical Center network (after 1 January 2021)	7,000	7,000
Universal Scheme		
Basic (no reserve) (before 1 January 2021)	-	6,000
Basic (no reserve) (after 1 January 2021)	-	7,000
Redundant (full automatic reserve) (before 1 January 2021)	-	12,000
Redundant (full automatic reserve) (after 1 January 2021)	-	14,000

9.1 VPN

Service	Registration fee (RUB)	Monthly fee (RUB)
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VPN	4,500	4,500
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Note:

The fees are per connection. The service is terminated as from 1 January 2021, the last day the service is provided, is 31 December 2021.

10. Co-location service

№	Service	Measure	One-off payment (RUB)	Monthly fee (RUB)
1.	Installation of the Client's equipment in a shared rack. Amount calculated per unit of the Client's equipment, using one of the following:			
	1.1. number of units taken by one piece of the Client's equipment. Calculated if electric output of the power unit that feeds one unit of the Client's equipment does not exceed 500 W per unit of space taken by one piece the Client's equipment.	One unit	10,000	20,000
	Price quoted for one (1) unit taken by the Client's equipment.			
	1.2. electric output of the power source that feeds one piece of the Client's equipment. Calculated if the value is above 500 W of electric output of the power unit that feeds one unit of the Client's equipment, converted per one piece the Client's equipment. Price quoted for each 500 W of electric output of the power source for one piece of the Client's equipment. Every incomplete 500 W of electric output are assumed as 500 W for the purposes of calculation.	500 W	10,000	20,000
2.	2.1. Installation of the Client's equipment in a dedicated rack. Electrical power limit is 6 kW.	Up to 6 kW	260,000	260,000
	2.2. Changing the electrical power limit of a dedicated rack to 7 kW	Up to 7 kW	-	50,000
3.	Connection of global positioning systems receiving device (GPS, GLONASS) Per 1 connection	One connection	50,000	50,000

4.	Reservation of dedicated rack for up to 3 months	One rack	-	30,000
5.	Storage of materials in individual safe box	One box	-	5,000
6.	Additional IP addresses with the telecom provider's space to connect to MOEX's trading platform, also with the aim to receive reserved multicast data*	2 IP 16 IP	1,000 5,000	1,000 5,000
7.	X-connect with an option to choose cable type. Per connect*	Copper Fiber	5,000	12,000 50,000
8.	Connection between the client equipment and the accredited telecom provider with an option to choose cable type. Per connect*	Copper Fiber	5,000	12,000 50,000

* The services in lines 6, 7 and 8 are terminated as from 1 January 2021; the last day the services are provided is 31 December 2021.

11. Provision of data on indicative margin rates for securities

Service	Registration fee (RUB)	Monthly fee (RUB)	
Provision of indicative margin rates for securities	-	Fee schedule	
		1	32,333.33
		2	35,583.33
		3	42,083.33
		4	61,583.33
		5	76,208.33
Adding 1 (one) security to the CCP NCC permanent list of indicative market rates which are available in the member's personal account area (the "List")*	3,333.33	-	
Data on one security*	-	Fee schedule	
		1	391.67
		2	375
		3	358.33
		4	333.33
		5	320.83
Reference margin rate for one security upon request *	500	-	

Note:

The registration fee for adding a security to the List is charged if:

At the moment the Client requests the information service to obtain the indicative risk rate, the security is not in the List. The List is available in the member's personal account area.

The services tagged with (*) may be requested only along with the indicative market rates service.

The client must select the same fee schedules for the service delivering indicative margin rates for securities and the service delivering data on a security.

If the Client opts out of having the security in the List within one calendar month, the fee is charged in full. Upon the end of the month, the client pays for the services actually provided. The total fee is calculated as follows:

$$Fee + P \times k_{acc} + 3,333.33 \times k_{new} + 500 \times k_{urg}$$

Fee – the monthly fee,

P – the payment for data on indicative margin rates on one security;

k_{acc} – the number of securities for which the indicative margin rates were calculated upon the client's request;

k_{new} – the number of securities added to the List upon the client's request;

k_{urg} – the number of requests for the reference margin rate.

12. Provision of indicative risk rates for instruments admitted to trading on Moscow Exchange

Service	Registration fee (RUB)	Monthly fee (RUB)
Distribution of indicative risk rates for instruments and pairs of instruments traded on the FX and Precious Metals Markets	-	6,000
Distribution of indicative risk rates for instruments of the Equity & Bond Market	-	6,000
Distribution of indicative risk rates for instruments of the Derivatives Market	-	6,000
Distribution of indicative risk rates for instruments of the Derivatives Market and relative rates for pairs of instruments of the Derivatives and other markets	-	10,000

13. Provision of data on Investment Accounts opened by individuals

Service	Fee schedule	Monthly fee (RUB)	Fee for one request (RUB)
Provision of data on Individual Investment Accounts opened by individuals	1	0	100
	2	100	80
	3	3,100	50
	4	33,100	20
	5	125,000	0

Note:

The Client may request data concerning any number of individuals. The fee for any request is given in the fee schedule. The fee is determined as follows:

$$Fee + P \times kol$$

Fee – the monthly fee,

P – the fee for a request to find out whether an individual has the IIA;

kol – the number of requests.

14. Information service Market Operator Report for Issuers

	Registration fee (RUB)	Monthly fee per report (one security) (RUB)
Market Operator Report for Issuers	-	20,750

15. Token services

Token type	Registration fee per token (RUB)	Monthly fee per token (RUB)
Hardware token	1,500	291
Software token	-	291

From 1 June 2020 through 31 December 2020, fees stated in this section are not charged to users which are trading members which have unified technical access through Corporate Marketplace to TC SHS subsystems of the FX and Precious Metals Markets and/or Deposit Market under the ITS Agreement and ITS Rules, or are authorised to submit and view indicative quotations on MOEX Board.

Note:

Hardware tokens are delivered by a specialised courier service hired by the Technical Center. The delivery fee is set by the courier service and paid by the client. When accepting the hardware token, the

authorised representative of the client must sign a delivery/acceptance statement in 2 (two) copies, one of which is sent to the Technical Center to the address indicated in the Details section of the Agreement.

II. Tariffs for information services

Contents of Market Data:

EQUITIES – trading in equities, fund units and depository receipts on MOEX; all parameters of all equities, fund units and depository receipts traded on MOEX.

BONDS – trading in bonds on MOEX; all parameters of all bonds traded on MOEX.

CURRENCY – trading in foreign currencies on MOEX; all parameters of all FX instruments traded on MOEX. FUTURES AND OPTIONS – trading in standard contracts on MOEX; all parameters of all derivative instruments traded on MOEX.

REPO – trading in the repo segment of the MOEX Equity and Deposit Markets.

ETC Markets – trading on all markets of ETS Commodity Exchange (Kazakhstan); all parameters of all instruments traded in the exchange.

1. Information products services for end users through authorised (password) access on the Moscow Exchange website

1.1. Real time streaming data

Information product	Registration fee	Fee for residents (RUB per month)	Fee for non-residents (USD per month)
Equities	-	3,100 / 6,200 (*)	100
Bonds	-	3,100 / 6,200 (*)	100
Currency	-	3,100 / 6,200 (*)	100
Futures and options	-	3,100 / 6,200 (*)	100
Repo	-	6,200	100

Note:

- The fees are per one access point.
- (*) Effective from 1 February 2021.
- These fees are for to a 1-3-month service period. A 5% and 10% discount apply in case of a 4-6- and 7-12-month service period, respectively.

1.2. Trading results

Information product	Registration fee	Fee for residents (RUB per month)	Fee for non-residents (USD per month)
Trading results (end-of-day history) for all MOEX markets (daily updates during the subscription period)	-	2,700	90
Trading results for all MOEX markets (archive data)	-	2,700	90

Note:

- The fees are per one access point.
- This service:
 - o Provides an additional option for end users to be notified of data updates on the MOEX webserver;
 - o Includes trading results regarding boards for qualified investors;
 - o Includes anonymised chronological market data for a specified period, except trades in qualified investors boards.

1.3. Archive data

Information product		Fee for residents (RUB)	Fee for non-residents (USD)
Written response to a request			
Written response to a request containing up to ten data items (per response including the response without data items (*))		2,900	100
Written response to a request containing more than ten data items (per response)		290	10
All markets	one month	45,000	1,500
	one year	450,000	15,000
One market	one month	15,000	5,00
	one year	150,000	5,000
One instrument	one month	4,500	150
	one year	45,000	1,500
All markets	one month	13,500	450
	one year	135,000	4,500
One market	one month	4,500	150
	one year	45,000	1,500
One instrument	one month	1,500	50
	one year	15,000	500

Note:

- (*) A data item means the numerical value of a measure of trading results (such as the price, volume, etc.).
- Archive data means market data containing trading results for a certain period, including:
 - a. archives of all trades and orders in the form of a historic log (register) of all trades (anonymous data) and all orders (anonymous data);

- b. archives of all trades and best bids and offers in the form of a historic log (register) of all trades (anonymous data) and best bids and best offers (anonymous data).
- Archive data is provided to end users for individual use. End users must not distribute archive data received without written consent from the Exchange.
- Archive data on trades and orders is provided in electronic form or is made available for download through authorized (password) access to the MOEX FTP server.

1.4. Indicative risk rates for instruments admitted to trading on Moscow Exchange

Information product	Information product content	Registration fee (RUB)	Monthly service fee (RUB)
FX Market instruments	Indicative risk rates for instruments and pairs of instruments across FX and Precious Metals Markets	-	6,000
Equity & Bond Market instruments	Indicative risk rates for equity & bond instruments	-	6,000
Derivatives Market instruments	Indicative risk rates for derivatives instruments	-	6,000
Derivatives Market instruments + relative rates	Indicative risk rates for instruments of the Derivatives Market and relative rates for pairs of instruments across Derivatives Market and other markets	-	10,000

Note: these fees are per access point.

1.5. Trade repository's data

Information product	Registration fee (RUB)	Monthly service fee (RUB)
Trade repository's data	-	7,500

Note: these fees are per access point.

2. Market data services for distributors operating in the Russian Federation

2.1. Real time streaming data

Information product	Registration fee	Monthly fee (RUB)	
Fixed part of the vendor's monthly fee			
	-	45,000	
Variable part of the vendor's monthly fee (per client fee)			
		Legal entities	Individuals
Equities	-	2,600 / 5,200 (*)	300 / 600 (*)
Bonds	-	2,600 / 5,200 (*)	300 / 600 (*)
Currency	-	2,600 / 5,200 (*)	300 / 600 (*)
Futures and options	-	2,600 / 5,200 (*)	300 / 600 (*)
Repo	-	5,200	600
MOEX on request (**)	-	0.30	0.30
ETS Markets (***)	-	450	300

Note:

- The variable fee is charged per access point.
- The fixed fee is payable regardless of whether the vendor has clients (end users), except where a vendor has requested only ETS Markets.
- The per client fee (the variable part of the monthly fee) is payable if the vendor has clients (end users).
- Russian resident clients that meet conditions for the application of market data fees for Russian resident vendors are entitled to discounts in the per client fee effective from 1 February 2021.
- (*) Effective from 1 February 2021.
- (**) Information product "MOEX on request" provides real time market data as at a specific time regarding one specific instrument traded on MOEX, including the best bid and best offer.
- (***) ETS Markets is provided by request from the vendor.

2.2. Real time deal data, delayed streaming data and trading results (end-of-day history)

Information product	Registration fee	Monthly fee for entities other than issuers (RUB)	Monthly fee for issuers (RUB)
Real time deal data	-	300,000	5,000
Delayed streaming data	-	25,500	3,000
Trading results (end-of-day history)	-	15,000	1,000

Note:

- The fees for issuers cover market data only regarding the issuer's securities.
- The fees for distribution of real time deal data, delayed streaming data and trading results (end-of-day history) are for distribution of market data only regarding MOEX's markets.

- The fees for distribution of real time deal data, delayed streaming data and trading results (end-of-day history) are charged on a fixed basis, i.e. regardless of the number of recipients of the market data.
- The fees indicated in paragraph 2.2 above cover distribution of the market data across all instruments traded on MOEX's markets. The tariff for the real time deal data does not applied to the distributors' proprietary information systems implying using terminals and products that are not constitute a website. If a distributor disseminates partial volume of data constituting the Information products indicated in the table above, the Exchange is entitled to specify in the agreement with the distributor the adjusted amount of payment based on the tariffs indicated in the table above and partial volume of disseminated data.

3. Market data services for distributors operating outside the Russian Federation

3.1 Real time streaming data

Information product	Registration fee	Monthly fee (USD)	
Fixed part of the vendor's monthly fee			
	-	1,500	
Variable part of the vendor's monthly fee (per client fee)			
		Legal entities	Individuals
Equities	-	85	10
Bonds	-	85	10
Currency	-	85	10
Futures and options	-	85	10
Repo	-	85	10
MOEX on request (*)	-	0.01	0.01
ETS market (**)	-	15	10

Note:

- The variable fee is charged per access point.
- The fixed fee is payable regardless of whether the vendor has clients (end users), except where a vendor has requested only ETS Markets.
- The per client fee (the variable part of the monthly fee) is payable on top of the fixed part of the monthly fee if the vendor has clients (end users).
- (*) Information product "MOEX on request" provides real time market data as at a specific time regarding one specific instrument traded on MOEX, including the best bid and best offer.
- (**) ETS Markets is provided by request from the vendor.

3.2 Real time deal data, delayed streaming data and trading results (end-of-day history)

Information product	Registration fee	Monthly fee for entities other than issuers (USD)	Monthly fee for issuers (USD)
Real time deal data	-	10,000	175

Delayed streaming data	-	850	100
Trading results (end-of-day history)	-	500	35

Note:

- The fees for issuers cover market data only regarding the issuer's securities.
- The fees for distribution of real time deal data, delayed streaming data and trading results (end-of-day history) are for distribution of market data only regarding MOEX's markets.
- The fees for distribution of real time deal data, delayed streaming data and trading results (end-of-day history) are charged on a fixed basis, i.e. regardless of the number of recipients of the market data.
- The fees indicated in paragraph 3.2 above cover distribution of the market data across all instruments traded on MOEX's markets. If a distributor disseminates partial volume of data constituting the Information products indicated in the table above, the Exchange is entitled to specify in the agreement with the distributor the adjusted amount of payment based on the tariffs indicated in the table above and partial volume of disseminated data.

4. Services for provision of the Market Data (direct access) for non-display usage, generation of the derived data intended for onward public distribution and generation of derived prices for onward usage in alternative systems. Services for provision of training data

Information product	Registration fee	Fee for residents (RUB)	Fee for nonresidents (USD)
Non-display usage			
Market data – one MOEX market (Equity & Bond, Money (including the repo segment of the Equity Market and the Deposit Market), FX or Derivatives Market) for non-display usage	-	7,500	250
Market data – all MOEX markets (Equity & Bond, Money (including the repo segment of the Equity Market and the Deposit Market), FX or Derivatives Market) for non-display usage by a group of affiliated parties	-	76,500	2,550
Derived data for public distribution			
Market data for the creation of derived data for onward public distribution	-	93,750	3,125
Market data for creating Derived Prices to be used in Alternative Systems			

MOEX market data on equities for creating Derived Prices to be used in Alternative Systems:			
a) instruments from the MOEX Russia Index (per instrument (ticker))	-	190,000	2,500
b) other instruments (per instrument (ticker))		76,000	1,000
Training data			
Mock trading (Equity & Bond, FX and Derivatives Markets)	-	15,500	525

Note:

- The tariffs for the provision of market data for non-display usage imply optional provision of any market data (the Real Time Streaming Data, Real Time Deal Data, Delayed Streaming Data or Trading Results (End-of-Day History) which includes all parameters of all financial instruments traded on the relevant market.
- The tariffs for derived data are fixed and not related to the number of the derived parameters created based on the market data and number of the derived data recipients.
Fees for market data intended to create derived data are not applied in case of derived data to be used in alternative systems.
- If part of the market data is used to create derived data, the Exchange may set tariffs in the agreement based on the tariffs for information product "Market data for the creation of derived data for onward public distribution" stated in section 4 above and the amount of data taken from the market data to create the derived data.
- Fees for market data intended to create derived data to be used in alternative systems are not applied to Instruments with a secondary listing.
- The fees for training data apply similarly to data directly provided via MOEX game servers and data provided via distributors.
- The fees for training data is charged to/for every distributor providing the data to end users. The number of end users is not limited.

5. Market data services for alternative systems

Information product	Registration fee	Monthly fee (RUB) Per user of the alternative system admitted by the system operator to trading in the system	
		Russian residents (RUB)	Non-residents (USD)

Market data – equity, fund units, DRs – MOEX Equity Market	-	760,000	10,000
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Note:

- The tariffs for market data used in alternative systems imply the optional provision of any type of market data (the Real Time Streaming Data, Real Time Deal Data, Delayed Streaming Data, or Trading Results (End-of-Day History)).
- The monthly fee is paid by the alternative system operator.