

APPROVED

by Moscow Exchange

Order No. МБ-П-2023-754 dated 24 March 2023

TARIFFS ON MOSCOW EXCHANGE INTERGATED IT SERVICE

(in RUB excl. of VAT which is charged where applicable under Russian law)

These Tariffs set out fees payable by participants, trading members and clearing members of Moscow Exchange and NCC (hereinafter also individually referred to as a "User" and collectively as the "Users") that have in place an integrated IT service agreement with Moscow Exchange (the "Agreement"), for the services (the "Integrated IT Services") provided by Moscow Exchange under the Agreement in the Equity and Bond, Deposit, Derivatives, FX, Precious Metals, Money, Standardised OTC Derivatives and other markets ("MOEX Markets"), unless otherwise provided for below.

Terms in these Terms shall be used in accordance with their meanings ascribed to them in Russian law, Moscow Exchange trading rules (the "Trading Rules"), clearing rules applicable to the MOEX Markets (the "Clearing Rules") as well as Terms of the Integrated IT Service (the "Terms").

Moscow Exchange reserves the right for indexation of the Tariffs in line with the inflation rate calculated by a competent government authority.

1. One-off charges for the Integrated IT Service

1.1 One-off fees charged for technical access ID registration

Table 1:

No.	Name	Fee
1	Registration of an ID to access a Remote Workstation, Refinitiv workstation and NAVIGATOR Web software	5,000 (Until 01 October 2022)
		10,000 (From 1 October 2022)
2	Registration of a basic ID to access the PlazaII gateway software	4,000 (Until 01 January 2023)
		6000 (From 1 January 2023)
3	Registration of a transaction ID to access the PlazaII gateway software	2,000 (Until 01 January 2023)
		4,000 (From 1 January 2023)
4	Registration of a view-only ID to access the PlazaII gateway software	2,000 (Until 01 January 2023)
		4,000

		(From 1 January 2023)
5	Registration of an ID to access the MFIX Transactional, FIX Gate, TWIME, NAVIGATOR API, SPFI FIX API Adapter	2,000 (Until 01 January 2023)
		4,000 (From 1 January 2023)
6	Registration of an ID to access the ASTSBridge native API software and similar software of third-party vendors	500 (Until 01 January 2023)
		4,000 (From 1 January 2023)
7	Registration of an ID to access FIFO TWIME ASTS gateway software	30,000

Technical access to more than one TC SHC Subsystems is provided through IDs pertaining to each of those subsystems. The one-off registration fee specified in Table 1 above is charged for each ID.

Where an ID is registered to be used in more than one trading Subsystems of the TC SHC, the one-off registration fee is multiplied by the number of those trading subsystems. An ID can be used to access more than one TC SHC Subsystems if the following subsystems are involved:

- 1) The trading system of the Equity & Bond Market and the Trading System of the Credit Market;
- 2) The trading system of the Equity & Bond Market and the Trading System of the Deposit Market;
- 3) The trading system of the Deposit Market and the Trading System of the Credit Market;
- 4) The trading system of the Equity & Bond Market, the trading system of the Deposit Market and the Trading System of the Credit Market.

Marketing programmes:

- 1) The one-off registration fee is not multiplied by the number of the TC SHC Subsystems until 31 December 2023.
- 2) The following shall apply to FX Market and Precious Metals Market Trading Members (the "Trading Members") using technical access IDs for the MFIX Transactional Gateway Software.

For the period of the marketing programme from 01 May 2022 (inclusive) to 31 October 2022 (inclusive), the fee for registration of new (i.e. ordered during this period) IDs for the MFIX Transactional Gateway Software in the amount not exceeding five IDs per Trading Member shall not be charged (except for Sponsored Access IDs (SAID)).

Technical access on preferential terms shall be provided to the Users registering IDs for the MFIX Transactional Gateway Software via the customer software certified by Moscow Exchange of the following vendors:

- NTPro
- FX Aggregator
- Prime.Markets.

If the User meets this condition, it may use on preferential terms the service Market Data from one of the MOEX Markets (FX only) for Non-display Usage, as well as the service Access to FAST Gate on the FX and Precious Metals Markets under the Information and Technical Support Agreement with the Technical Centre.

If the User fails to comply with this condition, the Technical Centre may refuse to grant technical access to the User on preferential terms.

- 3) The following shall apply to FX Market and Precious Metals Market Trading Members using Universal Workstation CMA or both Universal Workstation CMA and MOEX Trade Currency.

From 01 May 2022 (inclusive) to 31 October 2022 (inclusive), trading members of the FX and Precious Metals Markets are exempt from paying the fee for registration of new IDs (i.e. ordered within this period) for the Remote Workstations to be used with the MOEX Trade Currency Terminal Software if the number of IDs does not exceed 5 IDs per Trading Member.

Technical access on preferential terms shall be granted to the Users having, at the moment of filing the application, the Remote Workstations ID intended for use with the Universal Workstation CMA Terminal Software or both the Universal Workstation CMA and MOEX Trade Currency.

If the User fails to comply with this condition, the Technical Centre may refuse to grant technical access to the User on preferential terms.

1.2 Method to calculate ID registration fee

The one-off fee for the registration of the User in the SHC Subsystem and provision of the User's IDs (the "Registration Fee") is charged monthly in arrears (the "Chargeable Period") and calculated as per the following formula (with tariffs specified in Clause 1.1 of Section 1 below applied):

$$SR = \sum_t (n_t * RT_t)$$

Values are summed up across all ID types, where n_t – the number of type t IDs registered in the Chargeable Period; RT_t – the one-off fee rate for registration of type t ID as specified in Clause 1.1 of Section 1 above.

These fees also apply to register changes (as increase or a decrease) in the ID performance unit*.

*ID performance unit means the maximum allowed number of transactions per a unit of time required to perform a transaction and manage trading messages or orders. It is 30 (thirty) transactions per second.

2. Monthly fee for the Integrated IT Services

2.1. Monthly fees for IDs

Table 2:

No.	Name	Fee
1	Monthly fee for an ID to access a remote workstation, Refinitiv workstation, Bloomberg workstation and NAVIGATOR Web software	5,000 (Until 01 October 2022)
		10,000 (From 01 October 2022)
2	Monthly fee for the performance unit* of a basic ID to access the PlazaII gateway software	4,000 (Until 01 January 2023)
		6,000 (From 01 January 2023)
3	Monthly fee for the performance unit* of a transaction ID to access the PlazaII gateway software	2,000 (Until 01 January 2023)
		4,000 (From 01 January 2023)
4	Monthly fee for a view-only ID to access the PlazaII gateway software	2,000 (Until 01 January 2023)
		4,000 (From 01 January 2023)
5	Monthly fee for the performance unit* of an ID to access the MFIX Transactional**, FIX Gate, TWIME, NAVIGATOR API, SPFI FIX API Adapter	2,000 (Until 01 January 2023)
		4,000 (From 01 January 2023)
6	Monthly fee for the performance unit* of an ID to access the ASTSBridge native API software and similar software of third-party vendors**	500 (Until 01 January 2023)
		4,000 (From 01 January 2023)
7	Registration of a technical access ID to access FIFO TWIME ASTS**	30,000

Technical access to more than one TC SHC Subsystems is provided through IDs pertaining to each of those subsystems. The monthly fee is charged for every particular ID according to Table 2 above.

Where an ID is registered to be used in more than one trading Subsystems of the TC SHC, the one-off registration fee is multiplied by the number of those trading subsystems. An ID can be used to access more than one TC SHC Subsystems if the following subsystems are involved:

- 1) The trading system of the Equity & Bond Market and the Trading System of the Credit Market;
- 2) The trading system of the Equity & Bond Market and the Trading System of the Deposit Market;

- 3) The trading system of the Deposit Market and the Trading System of the Credit Market;
- 4) The trading system of the Equity & Bond Market, the trading system of the Deposit Market and the Trading System of the Credit Market.

Marketing programmes:

- 1) The one-off registration fee is not multiplied by the number of the TC SHC Subsystems through 31 December 2023.
- 2) The following shall apply to FX Market and Precious Metals Market Trading Members (the "Trading Members") using technical access IDs for the MFIX Transactional Gateway Software.

For the period of the marketing programme from 01 May 2022 (inclusive) to 31 October 2022 (inclusive), the monthly fee for new (i.e. ordered within this period) IDs for the MFIX Transactional Gateway Software in the amount not exceeding five IDs per Trading Member shall not be charged for three months from the date the IDs are given (except for Sponsored Access IDs (SAID)).

Technical access on preferential terms shall be provided to the Users registering IDs for the MFIX Transactional Gateway Software via the customer software certified by Moscow Exchange of the following vendors:

- NTPro
- FX Aggregator
- Prime.Markets.

If the User meets this condition, it may use on preferential terms the service Market Data from one of the MOEX Markets (FX only) for Non-display Usage, as well as the service Access to FAST Gate on the FX and Precious Metals Markets under the Information and Technical Support Agreement with the Technical Centre.

If the condition above is not met, the Technical Centre may not grant technical access to the User on preferential terms and charge the User on the general terms set out in the Tariffs.

- 3) The following shall apply to FX Market and Precious Metals Market Trading Members using Universal Workstation CMA or both Universal Workstation CMA and MOEX Trade Currency.

From 01 May 2022 (inclusive) to 31 October 2022 (inclusive), trading members of the FX and Precious Metals Markets are exempt from paying the monthly fee for new IDs (i.e. ordered within this period) for the Remote Workstations to be used with the MOEX Trade Currency Terminal Software if the number of IDs does not exceed 5 IDs per Trading Member. The exemption is valid for three months from the moment of applying for the IDs.

Technical access on preferential terms shall be granted to the Users having, at the moment of filing the application, the Remote Workstations ID intended for use with the Universal Workstation CMA Terminal Software or both the Universal Workstation CMA and MOEX Trade Currency.

If the condition above is not met, the Technical Centre may not grant technical access to the User on preferential terms and charge the User on the general terms set out in the Tariffs.

The User has the right to cancel (delete) an ID. Once the ID has been cancelled (deleted) based on the User's Application, it cannot be used further.

In case of need for further use of the ID, a new ID shall be registered for the User subject to the Registration Fee in accordance with Section 1 of the present Tariffs.

All IDs of a User which are used to access the TC SHC Subsystem are also cancelled (deleted) if the User's admission to trading/clearing service on the relevant market is terminated. In this case, the monthly fee for a Chargeable Period in which the admission to trading/clearing on the relevant market was terminated, is calculated according to the procedure set out in these Tariffs.

In all other cases, the monthly fee continues to be charged in accordance with these Tariffs.

*ID performance unit means the maximum allowed number of transactions per a unit of time required to perform a transaction and manage trading messages or orders. It is 30 (thirty) transactions per second.

** The monthly fee will not relate to the ID performance* (the max allowed number of transaction per a unit of time) from the date the monthly fee rates specified in Clause 2.1 above take effect until the Moscow Exchange makes a decision setting out otherwise in respect of Users in the Equity and Bond, FX, Precious Metals and Money Markets.

2.1.1 Method to calculate the monthly fee for IDs for which no performance change took place during the entire Chargeable Period

The monthly fee for technical access IDs for which no performance change was carried out during the entire Chargeable Period shall be charged in arrears and shall be calculated according to the following formula (the tariffs referred to in clause 2.1 of Section 2 above are used):

$$SM_{full} = \sum_i (P_i * MT_i)$$

Values are summed up across all IDs i whose performance was not changed throughout the Chargeable Period, where P_i – the number of performance units of the i ID (or 1 if the ID cannot be measured by performance); MT_i – the monthly fee rate (i.e. fee rate applicable to a period of one (one) calendar month) applicable to the i ID as specified in Clause 2.1 above.

2.1.1 Method to calculate the monthly fee for IDs for which performance was changed in the Chargeable Period

The monthly fee for technical access IDs for which performance was changed in the Chargeable Period shall be charged in arrears and shall be calculated according to the following formula (the tariffs referred to in clause 2.1 of Section 2 above are used):

$$SM_{var} = \sum_i \left(\sum_{j=1}^{k_i} \left(P_{ij} * \frac{A_{ij}}{D} * MT_i \right) \right)$$

Values are summed up across all IDs i for which the performance was changed throughout the Chargeable Period, where k_i – the number of periods with different performance of the i ID in the Chargeable Period; P_{ij} – the number of performance units the i ID has in the j period; A_{ij} – the number of calendar days in the month on which the i ID has P_{ij} performance; D – the total number of calendar days in the month; MT_i – the monthly fee rate ((i.e. fee rate applicable to a period of one (one) calendar month) applicable to the i ID as specified in Clause 2.1 above.

2.1.3 Method to calculate the monthly fee for IDs registered in an incomplete Chargeable Period

The monthly fee for IDs registered in the TC SHC during an incomplete Chargeable Period shall be charged at the end of that Period and shall be calculated in proportion to the number of calendar days during which the IDs were registered in the TC SHS. It is calculated as follows as of the ID registration/ID performance change/ID cancellation date (with tariffs specified in Clause 2.1 of Section 2 below applied):

$$SD = \sum_i \left(P_i * \frac{A_i}{D} * MT_i \right)$$

Values are summed up across all i IDs registered in the TC SHC during an incomplete Chargeable Period, where P_i – the number of performance units of the ID (or 1 if the ID cannot be measured by performance); A_i – the number of calendar days in the month on which the ID is registered in the system; D – the total number of calendar days in the month; MT_i – the monthly fee rate (i.e. fee rate applicable to a period of one (one) calendar month) applicable to the i ID as specified in Clause 2.1 above.

2.1.4. Total monthly fee payable for IDs

The total monthly fee payable for IDs is defined as the sum of monthly fees for IDs whose performance values were not changed in the Chargeable Period (according to Clause 2.1.1 above), monthly fees for IDs whose performance values were changed in the Chargeable Period (according to Clause 2.1.2

above), and monthly fees for IDs registered in the TC SHC for a partial Chargeable Period (according to Clause 2.1.3 above).

The fee rates specified in Clause 2.1 above comprise a fee for a software license/access to software in respect of the software indicated in the User’s Application.

2.2. Monthly fee for advanced properties of IDs

Basic and view-only IDs used to access the Derivatives Market via the PlazaII Gateway software may provide also a service called Full_orders_log. The service makes it technically possible (by using the PlazaII Gateway software under the software user guide) to get anonymised data on all transactions made in the Moscow Exchange Derivatives Market trading system during the trading session. A transaction means a command sent to manage orders according to the PlazaII Gateway user guide. The fee is charged in arrears and payable only by Users that are the Derivatives Market trading members.

Table 3:

No.	Name	Fee
1	Monthly fee for the Full_orders_log service	4,000 (Until 01 January 2023)
		8,000 (From 01 January 2023)

2.2.1 Procedure for calculating the monthly fee for the additional ID properties which were made available for a full calendar month

The monthly fee for IDs with the additional properties that were available for a full calendar month is calculated according to the following formula (the rates specified in section 2.2 above are used):

$$DS = n * DT,$$

Where *n* is the number of IDs with additional properties operating during a full calendar month; *DT* - the monthly fee for the additional ID properties.

2.2.2 Procedure for calculating the monthly fee for the additional ID properties which were made available for an incomplete calendar month

The monthly fee for the additional ID properties that were available for a partial calendar month shall be charged at the end of the Chargeable Period and shall be calculated proportionally to the number of calendar days according to the following formula (with the rates referred to in Clause 2.2 above used):

$$FOLD = \sum_i \left(\frac{A_i}{D} * DT \right)$$

Values are summed up for all IDs i with additional properties available during incomplete calendar month, where A_i - number of calendar days of the month during which additional properties of i ID were available to; D - total number of calendar days in the month; DT - subscription fee for additional properties of technical access identifier.

2.2.3. Total monthly fee payable for ID advanced properties

The total monthly fee for the additional ID properties is determined as the sum of the registration fee (if applicable), the monthly fee for the additional ID properties that were available for a full calendar month (Clause 2.2.1 above) and the monthly fee for the additional ID properties that were available for an incomplete calendar month.

2.3 Monthly fee for IT support services provided in respect of ASTSBridge software

The cost of IT support services provided in respect of the ASTSBridge software (see Clause 13 of Appendix 3 to the Terms) is determined according to the fee rate specified in Table 4 below. Remote access to ASTSBridge is made enabled by using IDs given for every TC SHC Subsystem and paid according to Clauses 1 and 6 of Table 1, and Clauses 1 and 6 of Table 2 above.

Table 4:

No.	Name	Fee
1	IT support services for ASTSBridge:	
1.1	(1) Equity and Bond Market, Deposit Market and Credit Market, (2) FX and Precious Metals Markets, (3) Money Market	8,500 (Until 01 January 2023)
		13,000 (From 01 January 2023)

While using the services specified in Table 4 above, Users choose markets on their own and communicate them to Moscow Exchange when ordering the service.

One unit of the ASTSBridge service package includes up to 5 (five) IDs for every market specified in Table 4 above.

One unit of the WEB2L service package includes just 1 (one) ID for per market specified in Table 4 above.

2.3.1. Method to calculate monthly fees for IT support services provided in respect of WEB2L and ASTSBridge throughout the Chargeable Period

The fee for IT support services rendered throughout the Chargeable Period is calculated as follows (in this case, the fees specified in Clause 2.3 above apply):

$$ASM = \sum_i AT_i$$

Values are summed up across all IT support services rendered throughout the Chargeable Period, where AT_i – the cost of the i IT support service specified in Clause 2.3 above.

2.3.2. Method to calculate monthly fees for IT support services provided in respect of WEB2L and ASTSBridge for a partial Chargeable Period

The monthly fee for IT support services provided for a partial Chargeable Period is charged in arrears and is proportionate to the number of calendar days on which the service was provided. The fee is calculated as follows as of the service activation/deactivation date (in this case, the fees specified in Clause 2.3 above apply): the fee is calculated as follows as of the service activation/deactivation date (in this case, the fees specified in Clause 2.3 above apply):

$$ASD = \sum_i \left(\frac{A_i}{D} * AT_i \right)$$

Values are summed up across all IT support services provided for a partial calendar month, where A_i – the number of calendar days in the month on which the i service was provided; D – the total number of calendar days in the month; AT_i – the cost of the i service according to Clause 2.3 above.

2.3.3. Total monthly fee payable for IT support services in respect of ASTSBridge software

The total cost of IT support services provided in respect of the WEB2L and ASTSBridge software (see Clause 11 of Appendix 3 to the Terms) consists of the fee payable for the services provided throughout the calendar market (according to Clause 2.3.1 above) and the fee payable for the services provided for a partial calendar month (according to Clause 2.3.2 above).

3. Surcharges

Users that are trading members on the Equity and Bond Market may also be charged a surcharge for the integrated IT service. The surcharge description, payment procedure and calculation method are available on the Moscow Exchange website at <https://www.moex.com/s639>.

Users that are trading members on the FX and Precious Metals Markets may also be charged a surcharge. The surcharge rates, as well as the payment procedure and the parameters used to calculate them, is published on the Moscow Exchange website at <https://www.moex.com/s1646>.

Users that are trading members on the Derivatives Market may also be charged an ineffective transaction fee or an erroneous transaction fee. The fees description, payment procedure and calculation method are available on Moscow Exchange's website at <https://www.moex.com/s402>.

Any revisions to the above-mentioned surcharges and fees are made through the Moscow Exchange's decision-making process and published on the Moscow Exchange website.

4. Other services

4.1 Fees for extended Integrated IT Service reports (statements)

Table 5:

No.	Name	Fee
1	Extended Integrated IT Service report (statement):	
1.1	Monthly fee for the Integrated IT Service extended report (statement)	10,000
1.2	One-off fee for the Integrated IT Service extended report (statement) for previous reporting periods (archived)	10,000

The monthly fee for the extended Integrated IT Service report (statement) is charged in arrears in the full amount due for the Reporting Period according to these Tariffs, regardless of the number of the calendar days on which the service was provided to the User.

The one-off fee for the Integrated IT Service extended report (statement) for the previous (archived) reporting periods is charged in arrears and calculated based on the number of calendar months for which the User made the relevant inquiries via the Member Personal Account outside the periods for which the User paid the monthly fee for the extended report (statement).

4.2 Token Services

Fees valid before 01 September 2022

Token type	Registration fee per token (RUB)	Monthly fee per token (RUB)
	Connection of token to Electronic Document Management System of Technical Centre	Enabling of token use in Electronic Document Management System of Technical Center
Hardware token	1,500	291
Software token	-	291

Fees valid from 01 September 2022

Token type	Registration fee per token (RUB)	Monthly fee per token (RUB)
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	Connection of token to Electronic Document Management System of Technical Centre	Enabling of token use in Electronic Document Management System of Technical Center
Hardware token	2,300	500
Software token	-	500

Note:

Hardware tokens shall be delivered by a specialised courier service engaged by the Technical Centre subject to the courier service fees. The User shall pay for the delivery service. Upon receipt of a hardware token, an authorised representative of the User undertakes to sign an Acceptance Certificate in two (2) copies, one of which should be sent to the Technical Centre at the address specified in the details of ITS Agreement.

The one-time fee for registration and issuance of tokens shall be charged at the end of the Chargeable Period and shall be calculated depending on the number of registered tokens over the Chargeable Period.

4.3 Provision of Information for Individual Use on Labelling MOEX Complex Financial Instruments

The service fee includes the provision of technical access to the service and access to information for all technical access identifiers and/or up to five logins registered in the Moscow Exchange's System for User Authorization and Registration (<https://passport.moex.com>).

Table 6

No.	Contract name	Fee
1	Registration for the service Information for Individual Use on Labelling Complex Financial Instruments of Moscow Exchange*	40,000
2	The monthly fee for the service Information for Individual Use on Labelling Complex Financial Instruments of Moscow Exchange*	60,000

The registration fee is charged upon the first activation of the service, as well as upon re-activation of the service, if more than 5 (five) working days have passed between deactivation of the service and re-activation. The fee is charged based at the end of the Chargeable Period.

The monthly subscription fee for an incomplete calendar month is charged at the end of the Chargeable Period and is calculated in proportion to the number of calendar days during which the service was provided.