Features of new version in 16.2.2

In the QUIK Administrator in the rights setting window for a class of the **Direct chats** type, the **Chat with company** attribute has been renamed to the **Chat with desks**, and the **Inter-broker chats** has been renamed to the **Inter-organization chats**.

Features of new version in 16.2.0

1. The Limits calculation library changes:
   - A setting has been added, when it is used, the blocking and deduction of the broker commission for a trade are performed on a separate settlement tag. For details, see sub-section 5.5 of the Administrator's manual for Settings of Limits calculation library.
   - For clients using the **MD+** scheme, the logic for accounting funds on the settlement tag has been changed when using the **Tags nonlowerer resting of non-marginal operations** setting. For clients using this scheme, the current balance minus blocked funds is now taken into account. For details, see section 16 of the Administrator's manual for Settings of Limits calculation library.
   - The ability to set trading system commission settings by transaction direction and by instrument groups has been added. For details, see sub-section 3.7 of the Administrator's manual for Settings of Limits calculation library.
   - A setting has been added to limit the volume of non-competitive orders for instruments as a percentage of the total order volume. For details, see section 27 of the Administrator's manual for Settings of Limits calculation library.
   - The **Negdeal repo classes with second leg accounted in trade** setting has been renamed to **Repo classes with second leg accounted in trade**. In this setting, you can now specify classes of REPO with CCP to account for the second part of a trade when checking fund sufficiency for an order.
   - A setting that allows unconditional position closing in the **Open position limit** margin lending scheme has been added. For details,

see section 22 of the Administrator's manual for Settings of Limits calculation library».

- Added a setting to specify the list of classes for which the indebtedness tags are considered. For details, see section 6 of the Administrator's manual for Settings of Limits calculation library.
- Correct accounting is supported for positions in the REPO trade closing transaction with an open date, taking into account the value of the **Period before execution** parameter.
- The **Commission write-off currency** setting changes:
  - The ability to specify the write-off currency for the broker commission;
  - The setting can be used for classes added to the **Maintain cash positions in respect of currencies** setting;
  - The setting can be used for derivative market classes when selecting the **Total** commission type.
- A setting has been added, it allows displaying the broker commission without the TS commission on trades in the **Broker commission** parameter. For details, see sub-section 3.1 of the Administrator's manual for Settings of Limits calculation library.
- The **FX market classes with TS commission write-off from increasing limit** setting has been added, in this setting you can specify classes or groups of instruments for which the TS commission will be deducted from the deposit currency. For details, see section 6 of the Administrator's manual for Settings of Limits calculation library.
- Specifying groups of instruments in the **FX market classes with commission write-off from increasing limit** setting has been supported.

2. QUIK Administrator changes:

- Two-factor authentication has been supported for connecting QUIK Administrator users.
- The ability to close all tabs and to close all tabs except the current one has been added to the **System** menu.

3. Work with a cluster is now supported for PostgreSQL DBMS (multiple instances of DBMS).

4. Submitting stop orders on classes, where instruments with fractional quantities are traded, has been supported.

5. The ability to specify a second domain is now supported in the Active Directory domain authentication functionality. For details, see sub-section 2.5.2 of the Installation manual for QUIK Server.
6. A custom stored procedure has been added to the QUIK server database that allows canceling stop orders by the specified number. For details, see sub-section 5.8 of the Installation manual for QUIK Server.

Issues resolved in 16.2.4

An error that, in some cases, caused the QUIK Administrator server part to crash when a user was disconnected due to a timeout.

Issues resolved in 16.2.3

1. An error that led to incorrect settlements of transactions in the **MOEX E&B: Refund payments** class.
2. An error that could cause transaction processing delays during the reload of the Limits calculation library.
3. An error in calculating parameters for an order by volume in REPO with CCP modes, which could result in a negative position after trade execution due to an incorrect calculation of the collateral requirement for the order.
4. An error that in some cases prevented submitting a non-trade instruction for a client with a sub-broker scheme configured.
5. An error when attempting to send an email message if the connection to the mail server was made over TLS.
6. An error that caused a negative lock after placing a market order via the Algorithmic trading module, when a commission was configured for the user.
7. An error that caused a double lock when changing order parameters by volume in the Bookbuilding module.
8. An error that slowed down data writing to the database when Postgres Pro DBMS on Linux was used for the QUIK server on Windows.

Issues resolved in 16.2.2

1. When using the asynchronous Limits calculation library, an error could occur that would cause server threads to freeze when receiving the position for the client using unified cash position during the session status update for instruments.
2. An error that prevented updating trading account information on the Access server if it had been restarted during the trading day without launch parameters.
3. An error that in some cases prevented updating effective discount values if they were calculated based on CH discounts.

Issues resolved in 16.2.1

A synchronization error that occurred when rolling positions from the lim file, causing the QUIK server to crash during start.

Issues resolved in 16.2.0

1. An error that could cause a user to have no trades if, after connecting, the user received a class for which only the **Class available** and **Active operations** check boxes were enabled.
2. An error that caused the user to be disconnected when attempting to delete all cash positions using the QUIK workstation.
3. An error that could lead to transmission of incorrect data of the **Quotes** table after a change of the trading session.
4. A synchronization error that could stop the transmission of chart archive data and other service information to clients.
5. An error resulting in an info message about a software failure when a user connected.
6. An error that could cause a software failure if a user in the QUIK workstation set a global filter by client code during limit distribution.

7. An error in processing incorrectly filled transactions, resulting in an info message about a software failure.
8. An error resulting in an info message about a software failure when reconnecting transaction connections of trading interfaces.
9. An error causing increased RAM consumption when rolling positions during the launch of the QUIK server.
10. An error in the position keeping scheme regarding calendar dates caused an incorrect user to be displayed in the report on loaded positions for automatically generated zero positions.
11. Suboptimal performance in logging digital signature operations affected the speed of transaction processing by the server.
12. An error of commission calculation of the MOEX Derivatives on the QUIK server, which led to the deduction of the exchange commission for trades despite the specified value **All classes** in the **Classes without TS commission** setting.
13. Incorrect blocking of the broker commission with the **Fixed** type during partial order execution on FX market for instruments with fractional quantity.
14. An error that caused a negative blocking when the **Account TS commission for base limit kind** setting was enabled and the currency of TS commission deduction differed from the currency of broker commission deduction.
15. Negative blocking due to incorrect calculation of commission on cryptocurrencies during partial order execution involving trades with fractional quantity.
16. Error in calculating the **Volume-based** type commission, which during partial order execution in modes of exchange offering could lead to blocking of the broker commission.
17. Insufficient accuracy in calculations when considering the ACI value during the check of sufficiency of funds for bond order.

18. Error during partial order execution in the REPO with CCP modes, which could lead to negative blocking if weekends and/or holidays occurred between the date of the first part and the date of the second part of REPO.
19. Overestimated evaluation during blocking of funds for OMS order in some scenarios.
20. Error causing excessive requirements during verification of OMS order, potentially leading to its rejection.
21. An error that prevented settings in the **Pre-trade control options** section from being deleted when a user was removed in the QUIK Administrator.
22. An error that caused a transaction for a client with UCP to be rejected if the client code matched the trading account and the **Verify additional restrictions** setting was enabled.
23. An error that prevented users connected via the access server from receiving dictionary updates. In particular, data updates in the Non-Trade Instructions module dictionaries.
24. An error that prevented users connected via the access server from receiving part of the data if the **Special operations** check box was missing from the access server permissions.
25. A synchronization error in the access server that occurred as a rejection of the authentication request processing, which interrupted the user connection attempt.
26. An error that caused the access server service process to block upon the abnormal termination of one of its threads.
27. Characters not supported by the XML format could appear in a report generated in the QUIK Administrator.
28. Suboptimal performance in the QUIK Administrator that could cause long saving of the Limit calculation library settings.
29. The QUIK Administrator workstation crashed when generating a report based on a large quantity of data.

30. In some cases, it was not possible to remove the temporary lock of a user via the QUIK Administrator.
31. Incorrect handling of user disconnection in the QUIK Administrator, which caused an error upon reconnection.
32. An error displaying client codes on classes without user permissions in the QUIK Administrator.
33. An error in the QUIK Administrator that occurred when using the user filter by trade roles if a non-existent role was specified in the search.
34. An error in the QUIK Administrator caused incorrect logging of a user password change in the audit system.
35. An error in the QUIK Administrator caused long transaction report generation for using PostgreSQL.
36. An error in QDealerAPI caused incorrect section addition when working with a client template.
37. An error in user rights replication caused incorrect handling of a case where the client code was added and then deleted.
38. An error in calculation of the REPO with CCP order parameters that could lead to a negative position resulting from order execution.
39. Trade processing has been optimized when no commission scale configured.
40. An error caused incorrect data transmission when forcing a request for a parameter change graph if the user connected via an access server.