MT4 / MT5

Push Notification Setup Guide

Windows desktop · Separate Chinese and English editions

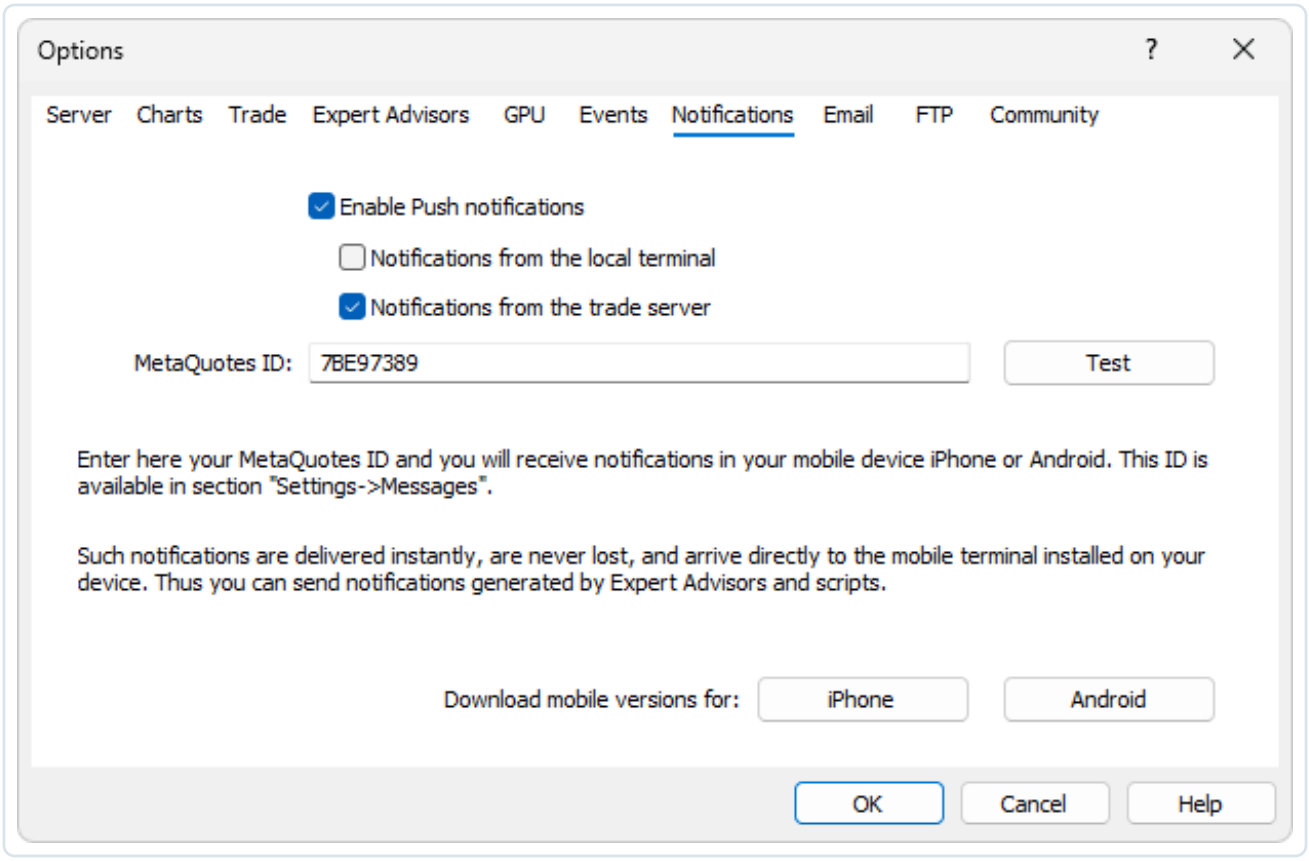


Fig. 1 Authentic MetaTrader 5 settings. MT4 instructions are also included.

Verify the terminal connection, then the alert program.

> **Scope** For MT4 / MT5 indicators and EAs that support push alerts. Obtain the MetaQuotes ID from the mobile app; the desktop terminal monitors conditions and sends messages.

Copyright and technical support

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V2.0 · 19 November 2026 · MT4 coverage and English edition

01

Mobile app and MetaQuotes ID

In your mobile MetaTrader app, open Settings / Messages and find the MetaQuotes ID. Android, iOS and app versions may use slightly different menus.

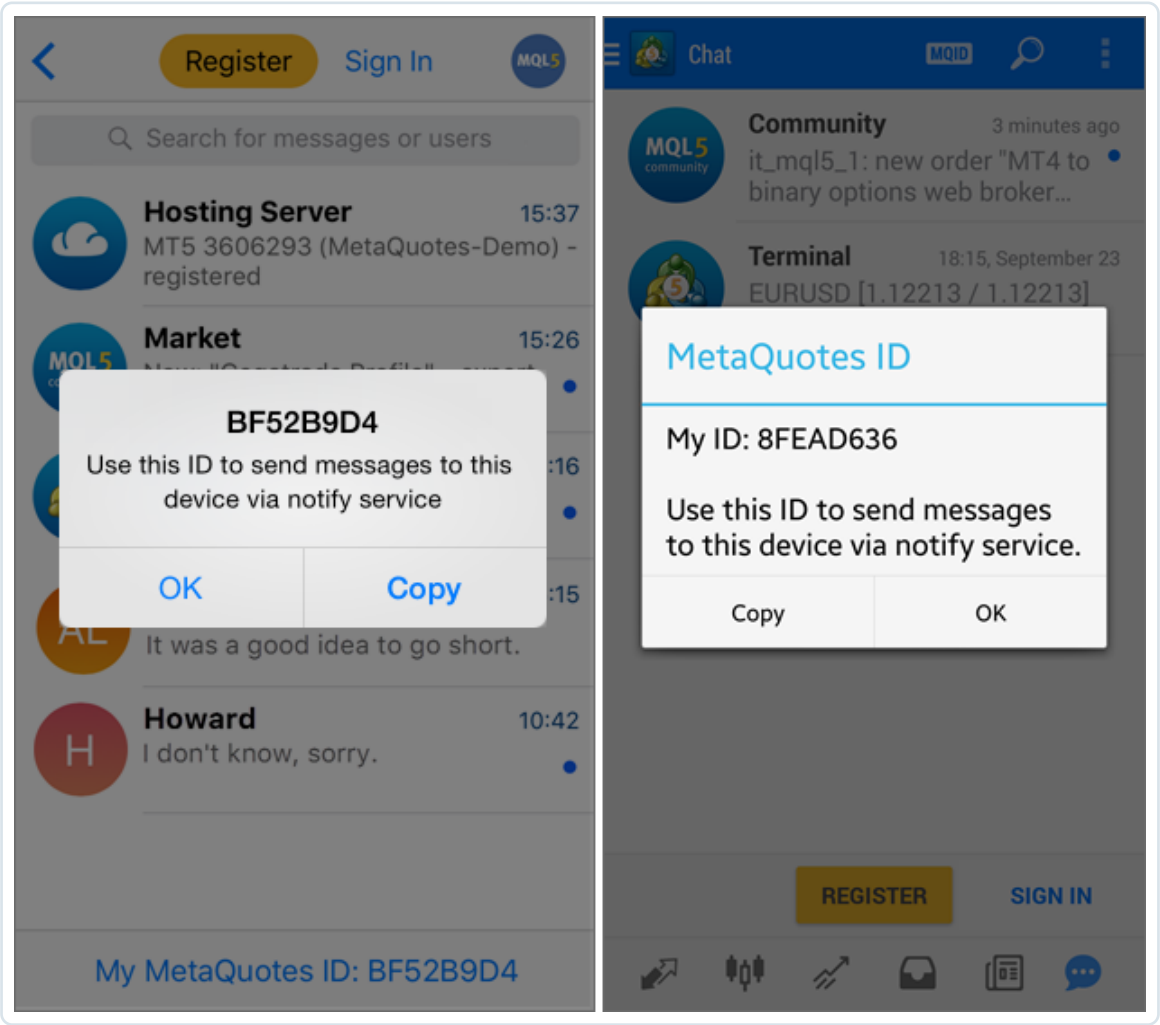


Fig. 2 Official MT5 mobile screenshots: example ID displays on iOS and Android.

1. **Copy your own ID.** For MT4, check Settings / Messages in mobile MT4; for MT5, check mobile MT5. Do not copy the official example IDs above.
2. **Allow system notifications.** Allow app notifications and the required sounds, banners and lock-screen alerts. Check background data and battery restrictions.

> **The ID is not an account number** A MetaQuotes ID is neither a trading account number nor a community login. Reinstallation may change the ID; update the desktop settings when it changes.

02

MT4 push settings

MT4: Tools → Options (Ctrl+O) → Notifications.

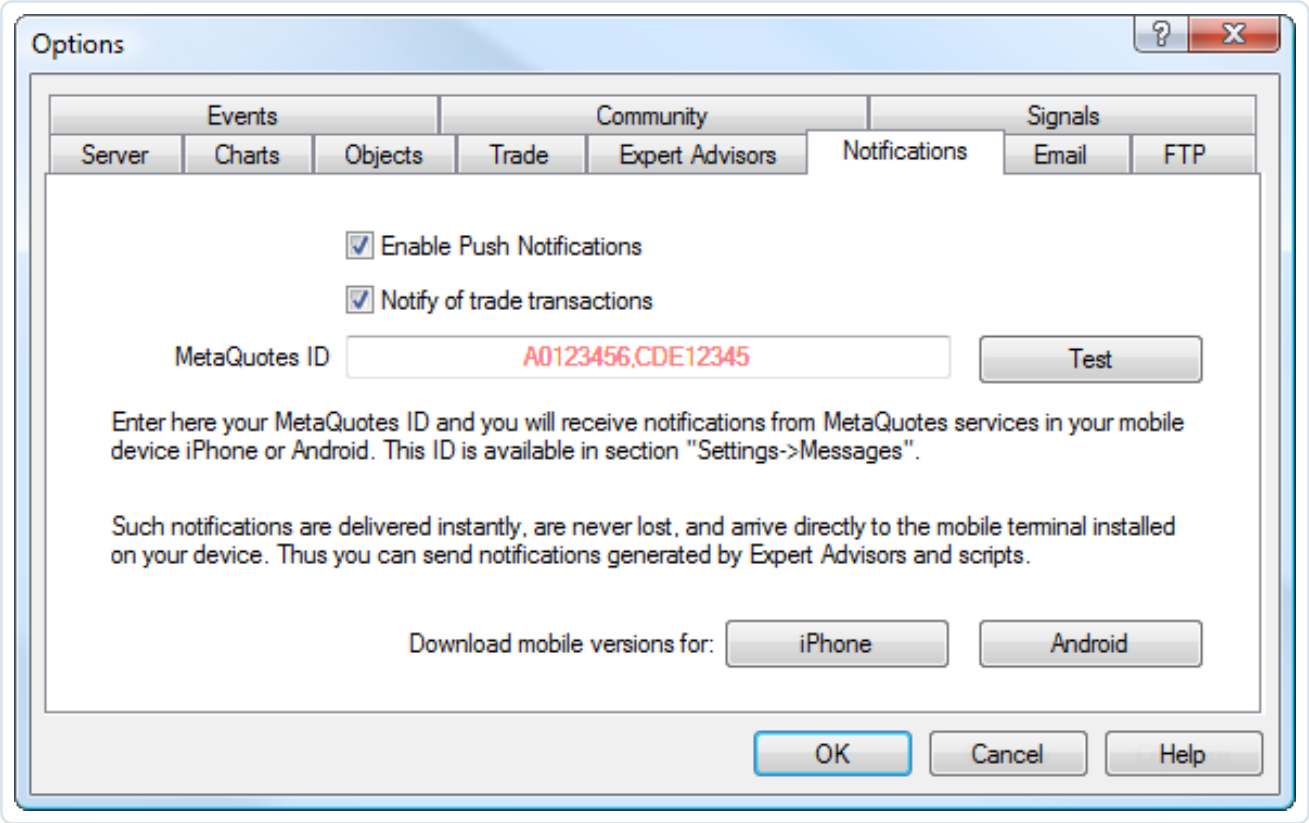


Fig. 3 Authentic MT4 Notifications settings. Use your own MetaQuotes ID.

1. **Enable push.** Select Enable Push notifications. Ordinary indicator pushes do not require DLL imports or WebRequest URLs.
2. **Enter the ID and test.** Enter the ID exactly. If supported, separate multiple device IDs with commas. Click Test, then check phone notifications and the app Messages page.
3. **Save the settings.** Click OK after receipt. Configure each separate broker terminal or computer that will send the alerts.

> **Trade notifications are separate** Trade-operation, local-terminal and trade-server notifications concern platform trade messages. They do not replace the custom indicator push input; the program must support and enable push alerts.

03

MT5 push settings

MT5: Tools → Options (Ctrl+O) → Notifications.

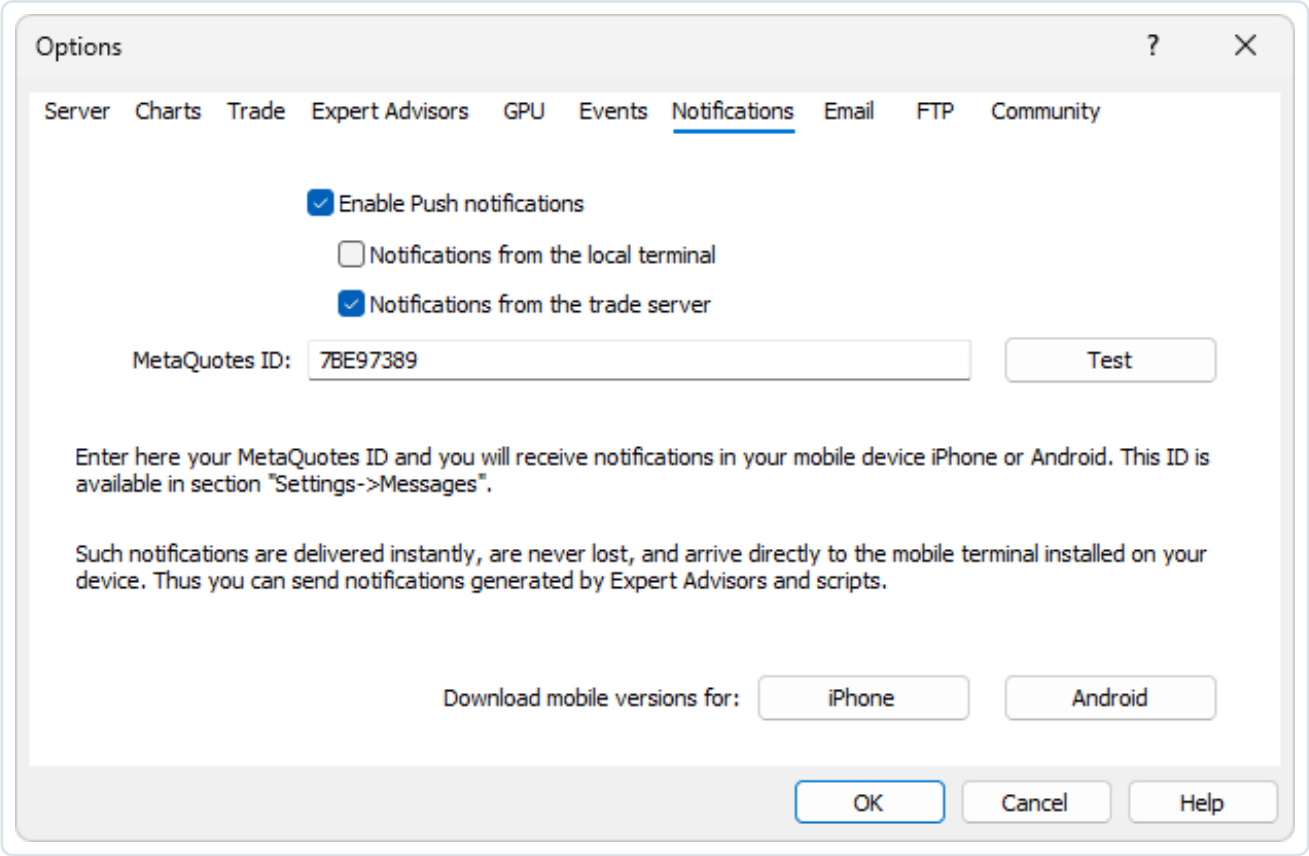


Fig. 4 Authentic MT5 Notifications settings. Use your own MetaQuotes ID.

1. **Enable push.** Select Enable Push notifications. Ordinary indicator pushes do not require DLL imports or WebRequest URLs.
2. **Enter the ID and test.** Enter the ID exactly. If supported, separate multiple device IDs with commas. Click Test, then check phone notifications and the app Messages page.
3. **Save the settings.** Click OK after receipt. Configure each separate broker terminal or computer that will send the alerts.

> **Trade notifications are separate** Trade-operation, local-terminal and trade-server notifications concern platform trade messages. They do not replace the custom indicator push input; the program must support and enable push alerts.

04

Enable and verify program pushes

First pass the terminal Test, then verify the program trigger. This page retains the supplied MT5 floating-loss indicator example. Other MT4 / MT5 programs may use different inputs and rules.

Input	Example value	Meaning
Loss threshold	-600.00	Account currency; triggers strictly below the threshold.
Scope	All account symbols	Or current chart symbol; this example excludes swap.
Popup alert	false	Keep the test focused on one channel.
Email alert	false	Test push separately from email.
Push alert	true	Must be enabled.

Verify on a demo account

1. **Attach the matching version.** Attach the MT5 example to a chart and check its inputs and scope. For an MT4 program, use the email / push switch documented for that program.
2. **Use a test threshold.** This example needs a negative threshold, such as -0.01. Use existing small demo-account losses or your demo test procedure; there is no need to create a live-account loss.
3. **Check the full notification.** The example checks once per second and triggers when floating P/L is strictly below the threshold. -600.00 does not trigger at a -600.00 threshold; -600.01 does. Check account, scope, P/L and threshold.
4. **Restore intended inputs.** After delivery, restore your intended threshold and channel settings. -600.00 is the supplied example, not a general risk recommendation.

> **Why the example sends once** One alert is sent per breach. The indicator rearms when P/L returns to or above the threshold, then alerts on a new breach. Other products can have different repeat and cooldown rules.

05

Troubleshooting and error codes

Distinguish a failed terminal Test from a successful Test followed by no program alert. Check the channel for the first; program inputs and conditions for the second.

Issue	Check
Test not received	ID spelling, terminal Enable setting, connectivity, app Messages and system notification permission.
In app, but no banner	System notification style, silent / focus modes, background data and battery policies.
Test passes, program silent	Push input, monitoring scope, trigger and repeat rules; the example rearms after recovery.
Stops when terminal exits	The monitoring desktop terminal and attached program must remain running and online.

Push error codes by platform

MT4	MT5	Meaning / action
4250	4515	Send failure: check connectivity and logs.
4251	4516	Invalid parameter: ask the provider to review message content.
4252	4517	Invalid settings: check Enable and MetaQuotes ID.
4253	4518	Too frequent: both allow at most 2 calls per second and 10 per minute.

> **Sent does not guarantee a visible banner** A successful terminal return does not guarantee an immediate phone banner. Check the app Messages page and system notifications separately. For persistent failures, provide the code, time and terminal build.

06

Copyright and references

Copyright and contact

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The software images are authentic screenshots from MetaQuotes official Help, not AI-generated. Addresses, IDs and checkbox states in screenshots are examples; use your own settings. Images may be scaled, cropped or outlined. Both language editions use the same authentic images.

Official references (click to open)

MT4 Notifications settings

MT5 Notifications settings

MQL4 SendNotification

MQL5 SendNotification

MQL4 runtime error codes

Final checks

MT4 / MT5 email and SendNotification calls do not execute in the Strategy Tester. Test in a connected desktop terminal. The indicator or EA must implement the chosen channel; terminal settings alone cannot add an alert feature to a program.

This edition adds MT4 steps, authentic screenshots, platform differences and an English edition to the supplied MT5 tutorial. The original indicator example is retained with its scope clearly identified. References checked: 19 November 2026.