

MT5 News Protection — Quick User Guide

KaliFX Lab · Version 0.9 · Windows

What the app does

MT5 News Protection watches the economic calendar from your MetaTrader 5 broker and warns you before important news. Around each release it opens a **protection window**. If you turn on **Auto-pause**, the app also switches MetaTrader's **Algo Trading** button off while the window is open and puts it back afterwards, so your Expert Advisors stay out of the market during volatile moments.

The app **never opens, closes or changes your trades**. Its only action in MetaTrader is the optional Algo Trading switch.

How it works

1. A small helper EA, the **News Bridge EA**, runs on any chart in MetaTrader 5.
2. It sends your broker's news calendar to this app. Everything stays on your computer.
3. The app shows the news, counts down to each release and opens protection windows.
4. With Auto-pause on, it switches Algo Trading off during a window and restores it afterwards.

Getting connected (one-time setup)

The Dashboard shows a **Get connected** checklist until MetaTrader is connected. Follow these steps:

1. Keep the app open. The sidebar should say "MT5: waiting for EA".

2. Install the News Bridge EA.

- In MetaTrader press **F4** to open MetaEditor.
- Copy MT5NewsBridge.mq5 into MQL5\Experts (File → Open Data Folder → MQL5 → Experts).
- Open it in MetaEditor and press **F7** to compile. It should report 0 errors.

3. Allow the connection in MetaTrader.

- Go to **Tools → Options → Expert Advisors**.
- Tick **Allow WebRequest for listed URL**.
- Add these three entries:
 - o `http://127.0.0.1`
 - o `127.0.0.1:8640`
 - o `127.0.0.1`
- Click **OK** (don't close the window with X) and make sure **Allow Algo Trading** is ticked.

4. Attach the EA to any chart. Drag *MT5NewsBridge* from the Navigator onto a chart. Any symbol and timeframe will do. If you added the addresses after attaching it, remove the EA and attach it again.

5. Check it's working. The sidebar changes to "MT5: connected", the badge turns green (**LIVE**) and the calendar fills with news.

The pages

Page	What it's for
Dashboard	Protection status, countdown to the next release, key numbers, upcoming news and recent activity
Economic Calendar	The full news list with filters, search and live countdowns
Protection Settings	When windows open, which news counts, and Auto-pause
Activity Log	A record of connections, protection windows and Auto-pause actions
General Settings	Time format, time zone information and maintenance
About	What the app does and important notes

Reading the Dashboard

- **Status panel (top):** shows whether protection is Ready, News approaching, Protection active, Off or Not connected, with a large countdown. Before a release it counts down to the news; during a window it counts down to the window closing.
- **Strip of numbers:** Auto-pause on or off, high-impact releases in the next 7 days, your window length, and the currencies you monitor.
- **Upcoming news:** the next monitored releases. A release that is inside its window is highlighted amber.
- **Recent activity:** the latest connection and protection events.

All times are shown in **your PC's time zone**. You can check which zone is used under General Settings.

Protection Settings

Setting	What it does
Minutes before / after	How long the window opens before a release and stays open after it
Minimum impact	The lowest news importance that opens a window (for example Medium and High)
Currencies	Only news from ticked currencies opens a window
Automatic protection	The main on/off switch. When off, no windows open and Auto-pause never acts
Auto-pause mode	Off never touches MetaTrader. Monitor shows the Algo Trading state without changing it. Auto-pause switches Algo Trading off during windows and restores it afterwards

Setting	What it does
Ask before changing MetaTrader	Asks you once before the first time the app switches Algo Trading

Click **Save protection settings** after making changes.

How Auto-pause behaves

- It needs **Automatic protection** to be on.
- When a window opens it switches Algo Trading **off**. When the window ends it restores the previous setting.
- Trades that are already open **stay open**. Auto-pause only stops Expert Advisors from placing new trades.
- If MetaTrader disconnects from the app during a window, Algo Trading **stays off** until the connection returns. Closing the app restores it.
- Start MetaTrader and the app the same way, as a normal user rather than “Run as administrator”, so the app can reach the Algo Trading button.

Advanced: connection settings

Open **Protection Settings** → **Advanced** only if the app can’t connect.

- **Connection port:** default 8640. If you change it, change it in the EA inputs too and add the new address in MetaTrader’s allowed list.
- **Security key (optional):** if you set one, the EA’s *Security key* input must match it.

The panel on your chart

The EA shows a small status panel in the top-left corner of the chart.

Status	Meaning
CONNECTED (green)	News is flowing to the app. Also shows the response time, broker server, number of events, Algo Trading state and last sync time
CONNECTING (amber)	Opening the connection
WAITING FOR APP (amber)	The app isn’t reachable yet. A retry countdown is shown
ACTION NEEDED (red)	MetaTrader is blocking the address, the security key was rejected, or the versions don’t match. The panel says what to fix

Click the – button on the panel to shrink it to a thin bar, and + to expand it again. You can change its position and size in the EA inputs.

The Activity Log

The log lists what matters in plain language, such as connections, protection windows opening and closing, and Auto-pause switching Algo Trading. Turn on **Technical details** (under Troubleshooting) to also see connection internals, which is useful when you're asking for support.

Troubleshooting

What you see	What to do
Panel says ACTION NEEDED , MetaTrader is blocking the connection (error 4014)	Re-check step 3 of the setup, click OK, then remove and re-attach the EA
Panel says WAITING FOR APP	Make sure the app is running and the EA port matches the app's connection port
Security key rejected	Make the key in the EA and in the app identical, or clear both
Connected but no news	Your broker's server may not provide the economic calendar. Try another server
Badge shows NOT LIVE	MetaTrader disconnected. The app shows the last news it received. Check that the EA is still on a chart
Times look different from your broker's calendar	The app shows times in your PC's time zone, so compare them against that zone

Good to know

- Always double-check important releases against your broker's own calendar.
- The app is a helper, not a guarantee. Trading leveraged products involves substantial risk of loss.
- Settings are saved on your computer, and nothing leaves your PC.