



MTI Live Publisher EA

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MTI Live's publisher EA is an alternative to the Publisher settings built in to MetaTrader 4. The MTI Live publisher has several advantages compared to the built-in MT4 publication settings:

- Less bandwidth. The MTI publisher typically uses 90% less bandwidth than MT4's publisher.
- EA statistics. The MTI publisher can include the magic number of each trade, allowing analysis of results per EA.
- More flexibility. The MTI publisher lets you choose whether to include pending and open orders in your published results. You can also set a delay so that orders are not included on your statement until a number of minutes after they are opened.
- Greater resilience. The MTI publisher recovers better from temporary network problems than the built-in MT4 publisher.
- Simpler firewall configuration. The MTI publisher sends its data over HTTP, and will work provided that you are able to browse the MTI Live website. The MT4 publisher sends its data over FTP, and can be blocked by some personal firewall software or routers.
- More frequent publication. The MTI publisher can export your data every minute, compared to a maximum frequency of every 5 minutes with MT4's publisher.

Setting up the MTI Live publisher

The MTI Live publisher consists of a "dummy" EA which you need to add to any chart in MT4. The full installation instructions are as follows. Please note that the EA requires **build 220 or later** of MT4.

1. Download the MTI publisher from <http://www.mt4i.com/PublisherEA4.zip>. This is a zip archive containing the files MTILivePublisherEA.ex4 and MTILiveReporterDll.dll.
2. Copy MTILivePublisherEA.ex4 into the experts directory of your MT4 installation.
3. Copy MTILiveReporterDll.dll into the experts\libraries directory of your MT4 installation.
4. Restart MT4 (so that the new EA is included in the Navigator list).
5. Open a new chart for any symbol.
6. Attach MTILivePublisherEA to the new chart (e.g. by double-clicking it in the Navigator list).
- 6a. Turn on "Allow DLL imports".
- 6b. Enter your MTI Live username and password in the MTI_Username and MTI_Password properties for the EA.
- 6c. Optionally, change any of the other default settings described below.
7. Publication will begin immediately. The publishing EA will display its status in the top right corner of the chart.

N.B. If you have previously been using MT4's built-in publisher, remember to turn it off by clearing the Enable box in Tools/Options/Publisher.



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If you have multiple copies of MT4, you can put MTILiveReporterDll.dll in your Windows system directory rather than having to install it in the experts\libraries directory of each different instance of MT4. The system directory for 32-bit software such as MT4 is usually \Windows\SysWOW64 on 64-bit copies of Windows, or \Windows\System32 on 32-bit copies of Windows.

MTILivePublisherEA settings

The publisher EA has a number of settings which let you control what is published, and when:

Input name	Description
MTI_Username	Your username for the MTI Live service.
MTI_Password	Your password for the MTI Live service.
PublicationPeriodMinutes	Number of minutes to wait between each publication to MTI Live.
PublishMagicNumbers	Specifies whether or not to show the magic number of each order on your statement. MTI Live can only show analysis per EA if you turn this option on.
PublishOrderComments	Specifies whether or not to show the comment associated with each order (i.e. the text set by an EA about the order).
IncludeOpenOrders	Specifies whether or not to include open orders in the statement.
IncludeOpenProfit	Specifies whether to include total floating P/L. If this setting is turned off, then IncludeOpenOrders is also treated as off.
IncludePendingOrders	Specifies whether or not to include pending orders in the statement.
IncludeIfOpenedSince	Specifies a start date for the statement. Orders are only included if they were opened after this time. N.B. Any filtering on your Account History list in MT4 also affects which orders are included.
DelayTradeListByMinutes	Sets a delay on the statement: orders are not included until this number of minutes after they are opened. (The profitability of these orders will be included in the headline equity and balance, but the individual orders will not be listed.)
AdjustNanoAccountCashAmounts	If turned on, all cash amounts are divided by 100, to convert "nano" accounts into their true cash value. However, please note that lot sizes are left unadjusted.
OnlyIncludeSymbols	This setting is ignored if blank. Otherwise, it is treated as a comma-separated list of symbols to include in the publication.



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	For example, the setting GBPUSD,EURUSD will exclude all trades which are not for either GBPUSD or EURUSD. Please note that the website will display a warning because this filtering can lead to discrepancies between the P/L in the trade history versus the current equity/balance.
OnlyIncludeMagicNumbers	This setting is ignored if blank. Otherwise, it is treated as a comma-separated list of magic numbers to include in the publication. For example, the setting 0,1234,5678 will exclude all trades apart from manual orders (magic number 0), and trades created by the EAs which use magic numbers 1234 and 5678. Please note that the website will display a warning because this filtering can lead to discrepancies between the P/L in the trade history versus the current equity/balance.
PublishBrokerName	If switched on, your broker name is displayed at the top of your published statement.

(Why does the publisher EA need a DLL?)

The publisher EA needs its DLL file in order to do two things: (a) HTTP communication with the MTI Live website, and (b) gzip compression of the data it sends, reducing bandwidth usage by over 90% compared to the built-in MT4 publisher.