MT4i Live Publisher EA

www.mt4i.com

MT4i Live's publisher EA is an alternative to the FTP settings built in to MetaTrader 4. The MT4i Live publisher has several advantages compared to the MT4's built-in FTP publication settings:

- Less bandwidth. The MT4i Live publisher typically uses 90% less bandwidth than MT4's publisher.
- EA statistics. The MT4i Live publisher can analyze the magic number of each trade.
- More flexibility. The MT4i Live 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 MT4i Live publisher recovers better from temporary network problems than the built-in MT4 publisher.
- Simpler firewall configuration. The MT4i Live publisher sends its data over HTTP, and will work provided that you are able to browse the MT4i 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 MT4i Live publisher can export your data every minute, compared to a maximum frequency of every 5 minutes with MT4's publisher.

How to set up the MT4i Live publisher

The MT4i 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 218 or later** of MT4.

1. Download the MT4i Live publisher from http://www.mt4i.com/PublisherEA4.zip.
2. Run the setup program contained in the archive.
3. Choose which copies of MT4 to install the EA into, and click on "Install"
4. If MT4 is already running, restart MT4 (so that the new EA is included in the Navigator list).
5. Open a new chart for any symbol.
6. Attach "MT4i – Publisher" to the new chart (e.g. by double-clicking it in the Navigator list).

6a. Turn on "Allow DLL imports", on the "Common" tab"

6b. Fill in your MT4i Live username and password in the MT4i_Username and MT4i_Password properties for the EA, on the "Inputs" tab.

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, including the previous and next scheduled publication times.

A single copy of the EA will publish all trades in MT4. You do **not** need to add the EA to a chart for each symbol which you trade.

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

Publisher settings

The publisher EA has a number of settings which let you control what is published, and when. The only parameters which you **must change** are the MT4i_Username and MT4i_Password. All the other settings are optional.

Input name	Description
MT4i_Username	Your username for the MT4i Live service – **compulsory**.
MT4i_Password	Your password for the MT4i Live service – **compulsory**.
Frequency of publication	
PublicationPeriodMinutes	Number of minutes to wait between each publication to MT4i Live.
RepublishOnHistoryChanges	If turned on, the publisher may republish your account whenever your account history changes (e.g. an order is closed), without waiting for PublicationPeriodMinutes
RepublishOnLiveChanges	If turned on, the publisher may republish your account whenever a new order is opened, without waiting for PublicationPeriodMinutes
Information about each order	
PublishMagicNumbers	Specifies whether or not to show the magic number of each order on your statement. MT4i 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).
CalculateMAEandMFE	Specifies whether to calculate and publish maximum drawdown information for each – see below.
Choosing which orders to include	
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. 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.
InitialDeposit	If your broker has truncated your account history, cutting off the initial deposit, then you simulate the initial deposit using this value. Can also be used with IncludeIfOpenedSince when you are only publishing part of your trading history.
Order-time adjustments	
AdjustOrderTimesByMinutes	Adjusts the open and close times reported by your broker. For example, if your broker runs at GMT+2, and you want order times to be shown as GMT, then you can set this figure to -120.
AdjustWeekends	If turned on, all trades on Saturdays are adjusted to 23:59:59 on Friday, and all trades on Sundays are adjusted to 00:00:00 on Monday. Can be used to simplify the per-day statistics on the MT4i Live website.
Advanced settings	
OverrideMTIServerUrl	(Should be left blank unless required for diagnostic purposes)
UsingLimitedVPS	(Should be left switched off unless required for diagnostic purposes)
MaxMAECalculationTimeSeconds	Maximum number of seconds that the EA is allowed to spend

	on MAE/MFE calculations – see below.
StatusLabelColor	Color to use for the EA's status indicator. Defaults to yellow.

MAE and MFE

Maximum Adverse Excursion and Maximum Favorable Excursion (MAE and MFE) measure the peak unbanked profit and loss on each order. In particular, MAE shows you the worst drawdown during the lifetime of each order before it is closed.

MAE is a better guide to historic “hidden” drawdowns than a calculation of historic equity. Such equity figures are usually calculated only at day-ends, and there may be substantial intra-trade losses during a day which are not reported by the day-end historic equity figure.

However, like day-end historic equity, MAE and MFE are **approximate**. Any calculation of historic equity is an estimate based on historic prices.

To enable publication of MAE and MFE you need to turn on the EA’s CalculateMAEandMFE parameter. You also need to have historic price data in your copy of MT4. The publisher will attempt to download the price history automatically, but you may need to help it by opening MT4’s History Center (press F2 or choose Tools/History Center) and then download price history for each symbol which you trade.

Please note the following points about the MAE/MFE calculation:

- The MAE/MFE calculation is only as good as your price data. If the data is inaccurate or contains gaps, then the MAE/MFE calculation will be inaccurate.
- Calculation of MAE and MFE does not include rollover charges (“swap”).
- MAE and MFE cannot be calculated on very short-term trades. However, such trades are unlikely to have large drawdowns.