

1. How do I load my EA 怎样加载 EA?

- A. You should receive a downloadable file by email when you purchase any Expert Advisor software. You will need to navigate to the installation folder of Metatrader on your computer. It is typically found in your program files on your computer. (C:\Program Files\FXCM MT4 powered by BT). Once you have found this folder open up the EXPERTS folder. Simply drag the EA into this folder.

当购买任何智能交易（EA）系统时，您应该会通过电邮收到一个可以下载的文件。您需要将这个文件保存至 Metatrader 安装文件夹中。它通常可以在您电脑“program files”中找到。(C:\Program Files\FXCM MT4 powered by BT)。一旦您找到这个文件后，打开“EXPERTS”文件夹，只需将收到的 EA 文件拖至这个文件夹即可。

- B. Open up your MT4 trading platform and check that the EA is listed under the Experts folder in the Navigator tab on the left hand side of the platform. Check your chart to make sure the Expert Advisors button on the top middle of the screen is pushed in and has a small green icon to the left. Click and drag the EA unto a chart.

开启您的 MT4 交易平台，查看该 EA 是否已经排列在平台左边“导航”标签“智能交易系统”文件夹下。检查图表确保屏幕上方中间的“智能交易”按钮已经被按下，并且（字的）左边有显示一个小的绿色箭头。点击需要加载的 EA 并将其拖入一幅图表中。

- C. A window will open up with two tabs: Common and Input. Make sure that the “allow live trading” box is checked off. Then click ok. You can alternately click on Tools>Options> Expert Advisors Tab > Check off the box to enable live trading.

包括两个标签：“常用”和“输入参数”。勾选“允许实时自动交易”框，然后点击“确定”。您也可以点击“工具”>“选项”>“智能交易系统”标签>勾选该选项来激活实时交易。

- D. You will see a small smiley face on the top right hand corner of your chart if your EA was correctly loaded.

如果 EA 被正确加载，您将会在图表右上角看到一个小笑脸。

2. Fractional pricing – (5th digit pricing) 小数点差报价-（六位数报价）

Fractional Pricing allows a broker to more easily tighten spreads because of the precision of pricing. A Broker may not be able to offer spreads of 2 pips on EURUSD but wants to be lower than 3. With fractional pricing in place, it allows a broker to do a 2.6 or 2.3 pip spread, passing the difference on to the client.

由于报价更精确，小数点差报价可以让交易商提供更窄幅的点差。以欧元/美元为例，交易商想提供低于 3 点的点差，但是做到 2 点可能有困难，有了小数点差，客户就可以享受到 2.6 或者 2.3 点的点差。

A problem that arises from this is that a lot of programmers don't write EA's with this in mind. This limits the client's flexibility, and can lead to a lot of confusion. The biggest mistake revolves around the predefined variable "Point". A point, by MT4 terms, is the smallest unit by which a price can increment. Most developers assume that Point equals 1 pip, but on a fractional pricing server a point is actually 1/10th of a pip. This leads to common problems such as stops and limits being 10 times too small.

由此引发了一个问题：许多程序员写 EA 时并没有注意到小数点差。这限制了客户 EA 使用的弹性，并且可能导致许多疑问。最大的问题涉及到对于“点”的定义。在 MT4 里，1 点是指一个报价可以增加的最小单位。大部分开发者假定“点”等于 1 个点差，但是在一个小数点差报价的服务器上 1 点等于 1/10 个点差。这导致了一些常见问题，例如止损和限价会设小了 10 倍。

An easy way to address this on pre-existing strategies is to create an external variable and integer.

有一个简单方法可以解决预设策略中的这个问题，就是创建一个外部变量和整型常数。

```
extern bool FractionalPips = true;
```

```
int pip;
```

Then after the start of the strategy you include some code that sets the value of pip. Essentially when fractionalpips equals true, then pip equals 10, if not, pip equals 1.

那么，在策略开始后，您加入一些代码对点值进行赋值。基本概念如下：当小数点差是真实时，将 10 赋值给 pip，否则将 1 赋值给 pip。

```
if(FractionalPips==true)
{
pip=10;
}
else pip =1;
```

Once that is complete, at every spot in the strategy where you see "Point", change it to "Point*pip" This will allow your Point value to once again be equal to 1 pip, thus restoring the original functionality of your system.

For many people adding this code to their strategy is quite easy. If you lack confidence in doing this, Programming Services is available for projects such as this and have the experience necessary to follow through. Inquiries can be sent to consulting@fxcm.com.

一旦完成，策略中您看到的“point”，将会变为“point*pip”。这将令“点值”重新等于 1 个点差，从而重启策略中原有的功能。

对于大多数人来说，在他们的策略里增加这个编码是十分容易的。如果您缺乏这样做的信心，我们有为此开展的编程服务，详情请电邮至 consulting@fxcm.com。

3. How do I backtest on MT4? 我怎样在 MT4 的历史数据上测试我的策略?

You should be able to backtest as far back as January 1, 1970 using Strategy Tester, however you have to make sure that the prices in your History Center for the currency pair you are using date back to whatever date you wish to use as the starting point for your backtest. If for example, your strategy uses 1 minute data and you want to test your strategy from 5/11/97 to this date for the pair EURUSD, you have to make sure you have the data in your MT4 platform to run this backtest, otherwise you will either get an error or the strategy will start trading as far back as it has prices for. 通过“策略测试器”您最远应该可以测试 1970 年 1 月 1 日以来的数据，但是您必须确认在您的“历史数据中心”有您需要测试的货币对的相关开始时间。例如，您的策略使用 1 分钟图的数据，您想用 97 年 5 月 11 日至今的欧元/美元数据测试您的策略，那么您必须确保您的 MT4 平台上有相关的数据来做这个历史数据测试，不然或者是出现一个错误提示，或者该策略只会在最早有价格出现的时间开始测试。

Shortcut to History Center F2

捷方式至“历史数据中心” — F2

So, go to Tools > History Center > EURUSD > Select the period you need and then click on download to get prices. You also have the option to import prices.

或者，点击平台上的“工具” > “历史数据中心” > EURUSD > 选择您需要的时期，然后点击“下载”以获得价格。您也可以选择导入价格。

If you wish to get FXCM prices send us an email @ consulting@fxcm.com for a quote.

如果您希望获得 FXCM 的报价，您可以给我们发电邮 consulting@fxcm.com 申请。

历史数据中心: EURUSD,H1

商品: EURUSD 数据库: 2057 个记录

时间	开盘	最高	最低	收盘	成交量
2009.12.09 17:00	1.47459	1.47479	1.47364	1.47364	1041
2009.12.09 16:00	1.47134	1.47514	1.47065	1.47460	7766
2009.12.09 15:00	1.47271	1.47362	1.46977	1.47141	11678
2009.12.09 14:00	1.47256	1.47730	1.47254	1.47273	8895
2009.12.09 13:00	1.47472	1.47544	1.47178	1.47258	4231
2009.12.09 12:00	1.47663	1.47672	1.47436	1.47470	3337
2009.12.09 11:00	1.47527	1.47808	1.47500	1.47663	4154
2009.12.09 10:00	1.47423	1.47660	1.47265	1.47530	6520
2009.12.09 09:00	1.47137	1.47491	1.47101	1.47425	7619
2009.12.09 08:00	1.46980	1.47293	1.46905	1.47135	5918
2009.12.09 07:00	1.47289	1.47310	1.46955	1.46990	4148
2009.12.09 06:00	1.47220	1.47343	1.47215	1.47287	1707
2009.12.09 05:00	1.47310	1.47320	1.47205	1.47220	1185
2009.12.09 04:00	1.47322	1.47356	1.47257	1.47314	1198
2009.12.09 03:00	1.47205	1.47337	1.47195	1.47319	1983
2009.12.09 02:00	1.47087	1.47340	1.46908	1.47210	3718
2009.12.09 01:00	1.46908	1.47136	1.46815	1.47088	3415
2009.12.09 00:00	1.47035	1.47159	1.46675	1.46910	2841

1分钟图 5分钟图 15分钟图 30分钟图 1小时图 4小时图

下载(O) 添加 编辑(E) 删除(D) 导出(X) 导入(I) 关闭(C)

4. Placing Stops before execution of orders 在挂单执行前设置止损

The issue lies with the fact that the BT bridge (MetaTrader STP) uses market execution, while many EA's are coded for "instant execution". In order to integrate MetaTrader ECN/STP execution, some MetaTrader 4 behavior related to dealing desks is not available.

这个问题是因为 BT 处理系统 (MetaTrader STP- 直通式处理系统)使用的是“market execution (市场执行)”，但是大部分 EA 的编码是“instant execution (立即执行)”。为了整合 MetaTrader ECN/STP 的执行方式，一些与交易桌相关的 MT4 行为被禁用。

- A. Scripts that use Instant Executions to place market orders with take profit and/or stop losses attached will not work. Instead, a market execution must be placed and then a take

profit and/or stop loss added to the position. 使用“Instant Executions”的脚本来设置附带止损或者限价的市价单时，在BT MT4上将无法工作。相反，需要先下一个市价单，然后再增加止损或者限价。

- B. Hard coding of +/- calculation of pips for profits may need to be adjusted to reflect the fifth decimal place of our STP. 用于盈利点数加减计算的硬编码可能需要加以调整以反映我们“直通式处理系统（STP）”中的小数点点差。

It is advised to change the following line : 建议作如下修改:

```
OrderSend(Symbol(),OP_BUY,1,Ask,3,Ask-25*Point,Ask+25*Point,"My order #2",16384,0,Green);
```

With : 改成 :

```
ticket=OrderSend(Symbol(),OP_BUY,1,Ask,0,0,0,"My order #2",16384,0,Green);
if(ticket>0)
{
OrderSelect(ticket,SELECT_BY_TICKET);
OrderModify(OrderTicket(),OrderOpenPrice(),STOPLOSS,TAKEPROFIT,0,Green);
}
else
{
Print("OrderSend failed with error #",GetLastError());
}
```

Take a look at the following forum post for more information:

可以在以下论坛获得更多信息：

<http://forexforums.dailyfx.com/expert-advisor-discussion/50312-mt4-expert-advisors-2.html#post291994>

5. Why isn't my Expert Advisor working in your STP/NDD Metatrader 4? 为什么我的智能交易系统不能在你们的STP/NDD Metatrader 4上运行？

1. The expert advisor is programmed to check if the symbol and chart it is attached to is EURGBP M15 (for example). Given our symbol name has an extension like EURGBPfx or EURGBPfxr it will not accept to trade on it. The Expert Advisor has to be modified to look for this symbol or not to check for the symbol. 1, 该智能交易系统的程序是检测带有（例如）EURGBP M15字样的货币对和图表，但是我们的货币符号有后缀，例如EURGBPfx或者EURGBPfxr，因此不会接受。智能交易系统须修改为检测此符号，或修改为不检测符号。

2. Some expert advisors require some minimum amount of history in the chart and there is not enough history in the chart. Please make sure that the chart you are trying to use the EA on has enough history. We are trying to supervise all charts for all symbols but unfortunately there are hundreds of symbols on our server and each has 8-9 charts ... If you find an inaccurate chart or a chart with less than usual history available please report it support@bostontechnologies.com and they will resolve it. 2, 一些智能交易系统对图表历史数据的最小数量有要求，但您使用的图表上没有足够的历史数据。因此请确保您尝试使用EA的图上有足够的历史数据。我们有试图完善各交易对象的所有图表，但是我们服务器上有数百个交易对象，每个都有8-9幅图表... 因此，如果您发现图表错误或者某图表的历史数据异常少，请反映至 support@bostontechnologies.com，他们会解决。

3. Many Expert Advisor are written to trade on Instant Symbols. BT symbols are Market Symbols. Please read above about how to modify an EA to work with Market Symbols. 3, 许多智能交易系统的脚本是“Instant Symbols”，BT使用的是Market Symbols符号。请参看前文关于如何将EA改为适用于Market Symbols的介绍。

4. Some Expert Advisors use Partial Closes in MetaTrader 4. Our STP bridge doesn't support Partial Closes. All partial closes will be rejected. Please modify your expert advisor either to enter multiple positions and do full closes on each of them for example to solve this limitation.

一些智能交易系统使用部分平仓，但是我们的“直通式处理系统（STP）”不支持部分平仓。所有部分平仓的策略将会被拒绝。请修改您的智能交易系统，使其分批建仓以及采取诸如全部平仓的方式来解决这一限制。

5. And last but not least our symbols are 5 decimals and not 4 decimals so that might also create a problem for some Expert Advisors. If your Expert Advisor is not working there are 2 solutions:

a. Please forward this document to your developers and ask them for help.

b. Please send to consulting@fxcm.com the EA source code and we can try, but not promise, to fix it. The source code is a .mq4 file. (NOT a .ex4 file, which we can't change. Most EAs are sold as compiled ex4 files).

5.最后需要指出，我们的报价是5位小数，不是4位小数，这对一些智能交易系统可能产生影响。如果您的智能交易系统因此不能工作，有2个解决方法：

a. 请将这份EA常见问题转发给策略开发者，要求他们给予协助。

b. 请将该EA的源码发送给我们的技术支持consulting@fxcm.com，我们会尝试，但不一定可以保证解决。源码是一份.mq4文件。（而不是.ex4文件，此类文件不能修改。大部分EA是编制成.ex4文件出售）。

6. How do I run multiple MT accounts at once: 怎样可以一次运行多个MT账户?

You simply need to install MT4 into multiple folders on your computer. Each installation can manage 1 session and trade 1 account independently from the others. We routinely test our strategies on 4+ different accounts at the same time on the same computer. 使用这种方式只需将MT4安装在您电脑的多个文件夹中。每个文件夹管理一个账号，并且交易独立于其它账号。我们通常在同一电脑、同一时间于4个以上MT账户测试我们的策略。 C:\Program Files\FXCM MT4 powered by BT1

C:\Program Files\FXCM MT4 powered by BT2

C:\Program Files\FXCM MT4 powered by BT3

7. Changing GMT Offset for EA's and Indicators

MT4 indicators and Expert advisors often require the user to adjust the parameters to specifically match the time zone used by the broker. Many brokers will use different time zones for their MT4 server settings. FXCM uses GMT+1. Clients will often call and ask what GMT offset FXCM uses and ask how to adjust their GMT offset for EA's and indicators.

This is done in the Inputs section of both indicator and expert advisors. The field can go by several different names depending on whatever the author of that individual Indicator or EA has chosen to name it. Examples include GMTOffset, DestTimeZone, etc.

Client will likely just need to change the value in that field to "1".

7, 如何调整 EA 以及指标时区参数 (GMT 偏移量)

MT4 指标以及智能交易系统通常需要使用者调整参数以对应平台的时区。不同的交易商 MT4 服务器设置的时区不同。FXCM 的 MT4 平台使用的是 GMT+1 的时区。客户通常会打电话来询问 FXCM 平台启用的时区，并询问如何调整他们 EA 以及指标的时区参数 (GMT 偏移量)。这可以通过指标以及智能交易系统的“输入参数”一项完成。它可能会以不同的名称出现——取决于各指标以及 EA 编写者所选择的名称。例如有：GMTOffset, DestTimeZone, 等等。客户很可能只需要将该变量赋值为“1”即可。

