SteadyOnFx
Generic Expert Advisor
Client/Server system
Installation Manual

Trading platform : MetaTrader 4

Quick Install Guide
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SteadyOnFx s.r.l.
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f) You may not resell or replicate trades generated from this trading system via any means, including but not limited to local and Internet-capable trade copiers, ZuluTrade®, and so on.
g) This manual was written to be read and understood in its entirety. It is crucial to understand it to properly operate and use the software.
h) The use of the program requires that you have carefully read and understood every point of the Terms of Use, and accept to be bound by these terms.
Installation

As a prerequisite to the installation and operation of the expert, your system must meet the following prerequisites:

- .NET Framework version 4.0 Client Profile or later. If your computer has a lower version of .NET installed, or if .NET 4.0 is not installed, you can download it from http://www.microsoft.com/download/en/details.aspx?id=17851
- MetaTrader 4 from your broker installed, operational, and updated to the latest build
- The downloaded installer executable in local folder
- Administrative right of the user at Windows logon

Installation Procedure

Before launching the installer you must close every running terminal.exe (MetaTrader terminal executable) running on your computer, the installer will not execute any installation until a terminal.exe is running.

1. Unzip the installer if needed and double click on it start the installation. The welcome window opens, as shown in Figure 1. These images shows messages for the NumberOne EA but these steps will be the same for every SteadyOnFx expert advisors.
2. Click the Next button to move to the information window as shown in Figure 2, read the installation notes and verify every requested requirement.

![Figure 2 - Information](image)

3. Please read the terms of use and if you agree, select “I accept the agreement”, and then click Next, as shown in Figure 3.

![Figure 3 - License agreement](image)
4. The “Select Destination Folder” window opens as shown in Figure 4. Select only the installation where you want to install the software. If you have installed MetaTrader on a different disk partition or your MetaTrader installation folder does not appear in the selection list, click the “Add a MetaTrader folder” button and select the appropriate folder where your MetaTrader is installed. Click Next.

![Figure 4 - Destination folder selection](image1.png)

5. Now you will then see a summary of the installation as shown in Figure 5, if everything appears correct, click Next.

![Figure 5 - Installation summary](image2.png)
6. The installation progress is displayed, as shown in Figure 6. Please check if all goes well, if the installer was unable to copy some file due some error, an error message will be present in the installation log, this is a very important point to check.

![Figure 6 - Installation progress](image)

7. Now the “What’s New” window opens, here are reported useful information about your purchased software license or about our company as shown in Figure 7Figure 8.

![Figure 7 - What’s new](image)
8. The final screen shown in Figure 8 will suggest to launch Metatrader, press “Finish” and the installation will be completed.

![Figure 8 - Successful installation](Image)

The Installer creates a new “NumberOne” voice (this voice changes with the name of the purchased software) in your Windows’ Start → Programs menu, where you will find the link to this User Guide, as well as a link to the website, support email address, and conditions of use reported at the beginning of this manual.
**Initial Settings for MetaTrader**

When you restart MetaTrader, after installing the expert advisor through the installation program, you should find the installed expert in the Navigator pane by expanding the Expert Advisors tree, as shown in Figure 9. If you do not see it, there was an issue with the previous installation, such as a wrong MetaTrader selected at the installation process. The expert icon is grayed out because the source code is not provided. This is perfectly normal for commercial software.

![Figure 9 - Verifying successful installation](image)

**Optimal Performance Settings**

After installing MetaTrader and the expert advisor, and verifying that everything is installed correctly, you may configure the trading platform’s main options.

1. Click the Tools menu and then select Options. In the resulting window, navigate the tabs and apply the following settings shown in Figure 10.

![Figure 10 - Optimal performance settings.](image)

These suggested settings reduce the memory required to run MetaTrader, and are also optimal for lowering processor load. These settings are not well suited for backtesting because they set a low number of history and chart bars.

Please note that you should not change the server name, logon, or password. Those settings are unique to your situation based on your account and broker details.

When running MetaTrader on a VPS computer, or on a computer with a slow processor, try to keep minimize the main MT4 window when not used. This practice decreases the processor load required to run the application.
MetaTrader Expert Advisor Settings

Within Options, there is also an Expert Advisors tab. The settings there are crucial to the proper functionality of the expert advisor. Figure 11 shows the appropriate settings. Please make your configuration match the figure.

You can choose if keep checked the option “Disable experts when the account has been changed” or not, this can be useful to avoid to use by mistake an expert advisor, for example, when switching from a demo to a real account using a high risk money management.

Finally, last but not least enable the global button “Expert Advisors” in the MetaTrader’s toolbar, as shown in Figure 12.
Quickstart

This section helps you to quickly start using the expert. It includes the steps mandatory to configure the expert and use it in a real or demo account.

Step 1: Turn off UAC (Windows 7, Windows 2008 Server)

A feature called User Access Control (UAC) is responsible for limiting the functionality of the programs for a presumed greater safety of the system. This feature may interfere with proper operation of the expert. Therefore, it is a best practice to disable it, so that the program may write to the registry and connect via the Internet to the authentication server to enable expert operation. Follow these steps:

1. Log in with a user account that has administrator rights (member of local Administrators group)
2. Navigate to the Control Panel through Start > Control Panel.
3. Click Change User Account Control.
4. The slider bar on the left size controls UAC. Slide it down to the lowest value: Never Notify Me When.
5. Click OK.
6. Restart the computer to apply the change.

Step 2: Open the working pair chart in MetaTrader

To begin using the expert, you must first launch MetaTrader, open a the working pair chart and configure it by completing the following steps:

1. Select File, New Chart from the menu.
2. Select the appropriate pair and then select the working timeframe for the Expert Advisor you want to use (for instance: M1 for NumberOne (mandatory), M15 for NightChannel and so no) by clicking on the bar menu, as shown in Figure 13.

![Figure 13 - Suggested timeframe selection](image)

Step 3: Attach the Expert Advisor at the proper chart

It is relatively straightforward to enable the expert for live operations by completing the following steps:

1. Make sure that the working chart is open, as detailed in the previous section, and selected.
2. In the Navigator pane, expand the Expert Advisors tree and double click the expert to open the settings window.
3. The EA’s external variables are now available for your review or modify. It is suggested that you leave them at the default settings until you are familiar with the EA and the implemented trading system.
4. Confirm by clicking OK. The expert advisor name & smiley appears at the right top of the screen. Successful operation is indicated by a happy face next to the expert name, as shown in Figure 14.

![Figure 14 - Expert Advisor smiley face](image)

MetaTrader initializes the .ex4 file, which in turn communicates with the authentication program and authorizes the program for operations. When you close MetaTrader or the working chart, the authentication executable also closes. Because the expert advisor require the open (Forex) market, if you launch it on a chart from Friday evening to Sunday evening, the graph will display only message about waiting for a con-
nection with your broker’s server and/or waiting for a price quote. Please note that connections and live quotes are normally available only during the normal trading hours.

It is not advisable to change the timeframe after initializing the expert on the graph.

*Any time you launch the expert advisor on the chart, it will check if the purchased software has been correctly licensed. At first start, the Expert Advisor will launch the “EaActivationTool.exe” that is a program created to handle the ea activation on your computer.*

**Step 4 : activate your license on the computer**

In order to protect the intellectual property of the licensed software, SteadyOnFx developed a proprietary authorization and licensing system.

This task is executed from the “EaActivationTool.exe” that is located in the same directory of the main executable file of the expert advisor. It will be found in “\expert\NumberOne_1.0\” directory of the MetaTrader of installation. (The sub-directory name will take the name and the version of the purchased license software). The activation tool is started from the MT4 expert advisor itself, if the license has still not been activated. It’s also possible forcing the launch of the activation tool, setting to “true” state the external variable “LAUNCH_ACTIVATION_TOOL” of the expert advisor (for example if you want to add another trading account for that broker in that MT4 installation, but often will be advisable to install another MetaTrader on your computer, in order to trade simultaneously on these two account.)

![Figure 15 - EA Activation Tool](image)

In order to activate the software you need to insert the MT4 Account Number where you want to use the program, moreover you need to insert the License Code received by email. At purchase time **two** emails are sent to you. One directly from the vendor (e.g. RegNow) and another from SteadyOnFx. In both of these two emails is indicated the purchased License Code(s) to insert “as-is” (all 8 lines) in the “Licence” field of the Activation Tool. In case of a “copy&paste” error, you will receive a message like the one shown in Figure 16.

![Figure 16 - EA Activation tool Error message](image)
Please uncheck the checkbox “Is IB account” if you are registering an account where SteadyOnFx is not your IB and you’ve purchased a “Full” license type. Then you must check the “Privacy disclaimer” box and, if you agree, click on the “I have read and I agree!” button.

![Figure 17 - Privacy disclaimer](image)

It’s requested also to check the box named “Risk disclaimer” that contain the NFA Required disclaimer and the CFTC RULE 4.41 and click on button “I have read and I agree!”.

![Figure 18 - Risk disclaimer](image)

After the accepting of these two disclaimers now you can click on the “Activate the EA on this PC with the confirmed account number!” button in order to be requested again, for the third and last time, the number of the account where you want to use (and bind) the software. Please note that in some of our license contracts there is a limited number of different trading accounts and/or PCs where the program can be activated and consequently used, so these checks and confirmation requests are useful to protect the user from wrong activations.

After the last confirmation the EA Activation Tool will connect to our authorization server (an active Internet connection is required). If all goes well an Activation Success message will be shown:
Please note the message: it says that the installed Expert Advisor is bound to the computer (PC) and to the account number requested: the bound program will run only with that trading account and only on the actual computer.

**Important notice**

If you purchased a license type “IB” (where SteadyOnFx must be the IB of your trading account) you need to follow a two-step authorization process. This is needed because we must verify that the account number you insert, is really connected to our Company as IB on that broker.

First of all you need to register your account as previously shown with EA Activation Tool (remember to keep checked the “IB account” checkbox)

Instead of receiving the Figure 19 “Activation Success” popup, you will receive the following Activation Warning:

In order to finalize the activation, you need to send us at ib.activation@steadyonfx.com the account number of MetaTrader (please don’t send us your customer number at that broker) and the name of the broker Company.

With that/those identification number/s we will check if your registering account was correctly linked to us as your IB, after that, you will receive an automated email from SteadyOnFx that will inform you about your account number authorization.

If all goes well your account is now enabled and by just repeating another time (second step) the registration process, with the EaActivationTool (or simply re-launching the expert advisor on the chart) the final authorization will be shown as in Figure 19.

**Step 5 : Setting External Variables**

When you attach the expert to the chart, or when you press the F7 key with the selected working chart, it is possible to you to modify the operating parameters by changing the external variables specified in the Expert Advisor. You should change these values only after a careful consideration, and a clearly understanding of the parameter’s meaning and how they interact one each other.
With the Expert Advisor you should have received another manual, specific expert-by-expert where every detail of these setting is explained. Please read that specific manual for further information.

Reference

This section is a reference section that has details about the software architecture, error messages, and other relevant details.

Client/Server Architecture

The trading program is split into three modules: a client program for the MetaTrader 4 trading platform (a “classic”.EX4 extension MetaTrader’s EA), a standard .EXE for Windows that handles trading and authentication, and a Windows .DLL file that acts as a bridge between the client (EX4) and server (EXE).

The MetaTrader 4 client (the .EX4 file) starts and communicates with the Windows .EXE and begins a data exchange using the DLL, as shown in Figure 17.

If you attach the expert to additional charts, or if you enable more experts through additional brokers on the same computer, multiple, independent, copies of the server executable will be launched: one for each working chart. When you close MetaTrader or remove the program from the chart, the server executable closes because it is no longer needed. If you change the account number or pair, the .EX4 client launches a new .EXE server. In cases where the server program is closed manually, it will remove the ex4 client from the MetaTrader chart with an error.

When you purchased the license of this expert advisor you paid with real money, it’s our will and our real interest that you could also gain real money with a wise use of it, every advice wrote in this manual has only this simple purpose.

The information contained herein is provided with the best knowledge of SteadyOnFx s.r.l., that assumes no liability for inaccuracies or omissions of any kind.