Expert4x theTradeableRSI EA for MT4

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Chapter 1

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2

Getting Started with the theTradeableRSI EA

Getting Started provides a guided exploration of the theTradeableRSI EA. It is geared for an audience that has little or no knowledge of installing an MT4 EA. It walks the novice user through downloading and installing the theTradeableRSI EA.

2.1 Installing the theTradeableRSI EA

The theTradeableRSI EA comes with a setup application to provide a wizard based installation process to the selected MT4 terminal.

Before you start...

- Ensure that you have the login credentials to the Web Support Centre.
- Ensure that you have an MT4 terminal version 4.00 build 1280 or later installed.
- **1.** Exit MT4 if it was running.
- 2. Log in to the Web Support Centre.

Web Support Centre X +	_	
← → C ◆ https://my.eafactory.com/expert4x		Θ:
Expert4x		
Login Login name : Login name Password : Password Login Login name recovery Password recovery		
Services powered by EAfactory.com - Copyright © 2008-2020 EAfactory.com - v4.5.0	Terms and Conditions	Privacy Policy
4		•

3. Scroll down and click on the theTradeableRSI EA in the Product List.



4. Click on the **Product Download** button to download the EA setup.

Release List				
theTradeableRSI MT5 v	Users Guide Product Download			
theTradeableRSI MT4 v	Users Guide Product Download			

- 5. Run the setup application. Select the MT4 instance during setup to where you want the service installed.
- 6. When setup completes start up MT4. The theTradeableRSI EA entry should appear under the Expert Advisors node in the Navigator window (View > Navigator)

These pictures highlight the steps how to install the EA.

🗗 Setup - theTradeableRSI MT	Γ4 EA − □ ×		
	Welcome to the the Tradeable RSI MT4 EA Setup Wizard on your computer. On your on your It is recommended that you close all other applications before continuing. Click Next to continue, or Cancel to exit Setup.		
	Next > Cancel		
😼 Setup - theTradeableRSI MT	14 EA — 🗆 🗙		
Select Target MetaTrader Directory For which MT4 location should theTradeableRSI EA be installed?			
Setup will install the theTra	adeableRSI EA under the selected MT4 instance.		
Setup will install the the l'radeableKSLEA under the selected M14 instance. C: \Program Files (x86)\MetaTrader 4 IC Markets's Data Folder C: \Program Files (x86)\DANDA MetaTrader's Data Folder C: \Program Files (x86)\DANDA MetaTrader's Data Folder C: \Program Files (x86)\MetaTrader 4's Data Folder C: \Program Files (x86)\MetaTrader 4's Data Folder C: \Program Files (x86)\MetaTrader 4's Data Folder C: \Program Files (x86)\MetaTrader 4 FinFX's Data Folder C: \Program Files (x86)\MetaTrader - RoboForex's Data Folder C: \Program Files (x86)\MetaTrader - RoboForex's Data Folder C: \Program Files (x86)\MetaTrader - AxiTrader's Data Folder C: \Program Files (x86)\Blueberrv Markets MetaTrader 4 Terminal - ud's Data			
	< Back Next > Cancel		

The setup application lists the available MT4 instances. Select one of them for installation target and click on the **Next**.

Note:

For some earlier version Windows version the list may not contain all the MT4 instances. In this case use the **Add target directory...** button to navigate and pick up the desired folder.

🔂 Setup - 🔤	Browse For Folder X	
Select Tai For whic	Select a MT4 target folder in the list below, then click OK	
Setup w C C: C C C: C C	MetaTrader config history MQL4 profiles Sounds templates MetaTrader - AxiTrader MetaTrader - RoboForex MetaTrader 4 IC Markets	er
- Expert4x	OK Cancel	Cancel

C:\Program Files\BrokerSpecificName\

but you may have selected something else while performing the MetaTrader installation. As a hint, the following shows you the default path to the main MT4 directory for some brokers:

Broker	Default Path
Blueberry Markets broker	C:\Program Files (x86)\Blueberry Markets MetaTrader 4 Terminal
Dukascopy broker	C:\Program Files (x86)\Dukascopy MetaTrader 4
IG broker	C:\Program Files (x86)\IG MetaTrader 4 Terminal
OANDA broker	C:\Program Files (x86)\OANDA - MetaTrader
Pepperstone broker	C:\Program Files (x86)\Pepperstone MetaTrader 4

Always select the main MT4 folder itself for installation target, not any of its sub-directories.

🔀 Setup - theTradeableRSI MT4 EA	-		×
Select Start Menu Folder Where should Setup place the program's shortcuts?		(
Setup will create the program's shortcuts in the following Sta	art Men	nu folder.	
To continue, click Next. If you would like to select a different folder, o	click Bro	owse.	
Expert4x\theTradeableRSI	В	rowse	
- Evnertáv			
<back next<="" td=""><td>></td><td>Car</td><td>ncel</td></back>	>	Car	ncel

When the installation is complete, start up MT4 and check that the EA appears in the **Navigator** window (**View** > **Navigator**):



So everything is set up for the first activation of the theTradeableRSI Expert Advisor .

2.2 theTradeableRSI Expert Advisor First Time Activation

Step by step guide to get the EA up and running on a chart for the first time.

The following pictures demonstrate the first time activation of the theTradeableRSI Expert Advisor in a few steps.

Attach the EA to a chart

1. Drag & drop the theTradeableRSI Expert Advisor from the **Navigator** window (**View** > **Navigator**) to a chart window and select the **Common** tab:

🕫 19892163: BlueberryMarkets-Demo - Demo Account - [EURUSD,H1]	- 🗆 X
🔀 File View Insert Charts Tools Window Help	_ 8 ×
📴 - 🔄 - 📧 🔶 🍢 🔲 💐 🖡 New Order 🔌 🙇 🍘 📆 AutoTrading 🛛 🖳 🖄 🔍 🔍 🗮 🗎 🕨 🗽	• 🕲 • 😹 • 👂 🔗
🖹 🔭 🕂 📔 — 🗡 🎼 📮 A 🛅 🍫 🛛 M1 M5 M15 M30 H1 H4 D1 W1 MN	
Market Watch: 17:18:05 × URUSD,H1 1.06919 1.07397 1.06900 1.07390	theTradeableRSI 🕑
Symbol Rid Ask A	- 1.12360
◆ USDCHF Expert - theTradeableRSI ? ×	1 11900
GBPUSD Ahort Common Invite Dependencies	1.11500
EURUSD EURUSD	1.11440
USDJPY Common Safety Safety	1 10000
♦ USDCAD Long & Short ✓ positions ☑ Allow DLL imports	1.10560
ADDUSD AD	1.10530
CUNUSP Disable alert once hit Allow modification of Signals settings	1 10070
Symbols Tick Char	1.10070
Navigator Live Trading	1.09610
BBM M14 Allow live trading	1 00150
	1.09150
- 😵 Expert Advisors	- 1.08690
	1.09340
	1.06240
	- 1.07780
	1.07390
	1.0/320
П П ЧИЛ. Г ^и	1.06860
ни ни	
Common Favorites 13 Mar 2020 16 Mar 06:00 16 Mar 22:00 17 Mar 14:00 18 Mar 06:00 18 Mar 22:00 19 Mar 14:00 20 Mar 06:00	F 1.06400
For Help, press F1 Default	26730/1 kb

Note:

Ensure that the

- Allow live trading,
- Allow DLL import and
- Allow import of external experts

are ticked.

2. Select the Inputs tab:

c 19943808: Eigh	tcap-Demo - I	Demo Account - [EURUSD.H1] — [
File View	Insert Char	ts Tools Window Help	_ # X
		🗆 🕅 🕒 New Order 🔥 🖻 🚳 🔗 AutoTrading 🔢 titi til to 🕀 👄 🎞 titi til to 🖓 - 🖂 -	
			h for
	- / 19/ _E	A T X M1 M5 M15 M30 H1 H4 D1 W1 MN	
Market Watch: 13:00	3:40		51 🙂
Symbol	Bid	Ask	1.13203
USDCHF	0.91442	0.91458	1.19065
GBPUSD GBPUSD	1.31728	1.31/44	
EURUSD	1.18227	Expert - theTradeableRSI ? ×	- 1.18930
	1 21224	About Common Indits Dependencies	1.18790
	0.72540		
	0.80742	Variable Value	1.18650
Symbols Tick	Chart	- and settings Combined Target Settings	1,18510
Naviantes	churc	Target Profit Amount [0:Off] 0	1.10510
BBM MT4		Target Profit Pips [0:Off] 0	1.18375
Accounts		ab ==== Indicator And Trading Logic Setti =================================	
		🔊 BUY Leg Settings	1.18227
📄 🔫 Expert Ad	visors	Buy: RSI Ind. Period [>=2] 14 Load	- 1.18100
) Sample	RSI Entry Method [dropdown] Upward Crossover: Below to Above	
	ng Average	1 Buy: RSI Entry Level [0-100] 30.0 Save	- 1.17960
🗄 🖳 🥰 Scripts	deableksi	OK Cancel Reset	1.17825
			4.47605
			1.1/685
			1.17550
Common Fav	vorites	6 Nov 2020 9 Nov 02:00 9 Nov 18:00 10 Nov 10:00 11 Nov 02:00 11 Nov 18:00 12 Nov 10:00 13 Nov 02:00	+ 1.17410
For Help, press F1		Default 195/0 kk	o //

This lists the parameters of the EA where the operational aspect of the theTradeableRSI EA can be set up. For more details see the theTradeableRSI EA Configuration Guide – for now click on the **OK** button and let the EA start up with default settings.

Note:

At the very first time the EA may prompt for the Access ID to verify that the usage of product is licensed.

The Access ID is pre-configured and is the same as the login name to the web support site. Feel free to change your Access ID at the Web Support Centre and ensure not to share it with anyone else. Enter the Access ID and click on the **Save** button:

Service Acc	ess Setup
<u>^</u>	Unknown Access ID. Please enter valid Access ID.
Product:	
Provider:	100 C
Access ID	unregistered
	Save Cancel
	Dialog closes in 2 min 2 seconds

The theTradeableRSI EA is up and running

After successful authentication the theTradeableRSI EA starts up.



The theTradeableRSI Expert Advisor has been attached to the chart. The smiley face in the top-right corner shows that the initialisation of the theTradeableRSI Expert Advisor was successful and the EA is now looking for trading opportunities.

See the smiley face in the corner:



In case of a problem getting the EA up and running please refer to the Knowledgebase section.

Chapter

3

System Requirements

Overview of prerequisites in order to install and get the product up and running.

3.1 Operating System Requirements

In order to operate the theTradeableRSI EA a Microsoft Windows operating system is required which supports MetaQuotes MetaTrader version 4.00 platform.

Note that the MetaQuotes MetaTrader software is also known and often referred to as MT4.

3.2 Hardware Requirements

The minimum Random Access Memory (RAM) requirement is 512MB (0.5GB), however 1024MB (1GB) RAM is recommended to avoid extended virtual memory usage. Note that this memory requirement is for MetaTrader application only, excluding other applications running at the same time (e.g. MS Office). If other applications are running parallel with MetaTrader application please increase the RAM requirement accordingly.

3.3 MetaTrader (MT4) Requirements and Settings

The EA is compatible with MetaQuotes MetaTrader platform version 4.00 build 1280 or higher. In general this is referred to as MT4 terminal, build 1280 or newer.

3.4 Forex Broker Requirements

The theTradeableRSI EA is compatible with both 4 and 5-digit data feeds based brokers. The theTradeableRSI EA automatically detects the type of the feed and adjusts the EA parameter pip values if and when necessary.

Both fixed and variable spread broker platforms are supported.

The selected MetaTrader based broker should allow keeping open orders on the account for long period of time, i.e. the broker should not close and re-open orders over night for swap calculation, or should not merge open orders for any reason.

IMPORTANT: For smooth trade management the MetaTrader application and the EA should be on-line, up and running during all market open hours (usually Sunday to Friday).

3.5 Hedging Support Requirements

When the theTradeableRSI EA is attached to charts with both BUY and SELL trades enabled, the EA may keep open BUY as well as SELL positions at the same time on the same market. In this situation the broker account must support the hedging of trades.

Hedging support is not required only if the EA is attached to the market with either BUY or SELL enabled, but never both at the same time.

3.6 Non-FIFO Support Requirements

When the theTradeableRSI EA is attached to charts with both BUY and SELL trades enabled, or maximum allowed open trades higher than 1 configuration, the EA may open and close positions out of order of the first-in-first-out (FIFO) sequence. In this situation the broker account must support the order handling in non-FIFO manner.

FIFO is supported only if the EA is attached to the market with either BUY or SELL enabled (never both at the same time) and maximum allowed open trades is set to 1.

3.7 Account Type and Minimum Lot Size Requirements

A so-called *Micro* broker account is necessary if the available funds for the EA trading is less than approx. \$1000. The micro account allows the EA to open a position with minimum lot size of 0.01. If you plan to use a broker account with the above funding please ensure that your broker account offers this minimum lot size.

An easy way to double check the minimum lot size available on the broker account is to attach the EA to a chart and check the *Market Info* section on the chart:

The Lot line shows Min:0.01 which tells that the minimum lot size requirement is 0.01 on this broker account.

Chapter

4

theTradeableRSI EA Configuration Guide

The theTradeableRSI EA configuration guide.

In order to activate the theTradeableRSI EA attach it to a chart window – for more details see theTradeableRSI EA First Time Activation section.

4.1 Configuration and Operation Principles

The theTradeableRSI EA operational overview.

The theTradeableRSI EA manages only those tickets (a.k.a positions) on the account which belong to the theTradeableRSI EA: every order submitted to the account is marked with the *MagicNumber* and, in return, only those tickets on the account will be considered by the theTradeableRSI EA which are marked with this *MagicNumber*.

In general it is recommended to run on an account one EA at a time. This helps understanding the ongoing trades and troubleshoot situation if and when needed.

While this maybe feasible for demo accounts this may not be feasible for live accounts where there could be the need to execute multiple expert advisors on the same account at the same time.

Using multiple expert advisors on the same account is only viable if each and all expert advisor will follow the above *MagicNumber* principle and they manage only their own tickets on the account.

IMPORTANT: If you plan to use multiple expert advisors (other than the theTradeableRSI EA) on the same account please ensure upfront with the expert advisor providers that their EA's are suitable for that as per the above.

If you plan to use multiple the TradeableRSI EA's on the same account at the same time please ensure that the *MagicNumber* is set to different and unique number for each chart of the same market.

Here are few examples:

Market	MagicNumber
EURUSD chart 1	66000
EURUSD chart 2	66001
EURUSD chart 3	66002
GBPUSD chart 1	66010
GBPUSD chart 2	66011
GBPUSD chart 3	66012
USDCAD single chart	EA default or any other
USDCHF single chart	EA default or any other

4.2 theTradeableRSI EA Parameter Descriptions

The theTradeableRSI EA parameter descriptions.

4.2.1 Combined Target Settings

Expert - theTradeableRSI ?			
Value	^		
0			
0			
14		Load	
Upward Crossover: Below to Above		2000	
30.0	~	Save	
ОК	Cance	el Reset	
	Value 	Value ^ 0 0 0 0 ========= 14 Upward Crossover: Below to Above 30.0 V	Value Value 0 0 0 14 Upward Crossover: Below to Above 30.0 OK Cancel Reset

Target Profit Amount

Target Profit Amount

Combined profit target as an amount of account balance increase by the EA trades. The EA enters new trades and closing them according to the Indicator And Trading Logic Settings and Position Management settings. The very first entry marks the start of a 'run', which is a series of subsequent trades. Over time some of these trades gets closed off, while the rest of them remain open. The sum of the profits of the closed trades plus the sum of the profit or loss of the open trades gives the run's profit & loss amount. When the run's profit & loss reaches this *Target Profit Amount* then the EA closes off all open trades and completes the run.

Example: I want the EA to close off all open trades when the aggregated profits of all currently open and so far closed trades reaches the amount of \$100.

Here is an EA configuration to achieve the above:

1. *Target Profit Amount* = 100

Target Profit Pips

Target Profit Pips

Combined profit target as pips achieved by the EA trades. The EA enters new trades and closing them according to the Indicator And Trading Logic Settings and Position Management settings. The very first entry marks the start of a 'run', which is a series of subsequent trades. Over time some of these trades gets closed off, while the rest of them remain open. The sum of the profits in pips of the closed trades plus the sum of the profit or loss in pips of the open trades gives the run's profit & loss in pips. When the run's profit & loss in pips reaches this *Target Profit Pips* then the EA closes off all open trades and completes the run.

Example: I want the EA to close off all open trades when the aggregated profits of all currently open and so far closed trades reaches 100 pips.

Here is an EA configuration to achieve the above:

1. *Target Profit Pips* = 100

4.2.2 Indicator And Trading Logic Settings

Expert - theTradeableRSI ? X					
About Common Inputs Dependencies					
Variable	Value	^			
ab ==== Indicator And Trading Logic Setti					
ab BUY Leg Settings					
📖 Buy: RSI Ind. Period [>=2]	14				
Buy: RSI Entry Method [dropdown]	Upward Crossover: Below to Above				
😥 Buy: RSI Entry Level [0-100]	30.0				
Buy: RSI Exit Method [dropdown]	Upward Crossover: Below to Above				
📖 Buy: RSI Exit Level Mode [dropdown]	Manual Exit Level				
😥 Buy: RSI Exit Level [0-100]	70.0				
Buy: Single or Multiple Entries [dropdo	Multiple Entries After RSI Cross				
📖 Buy: Pruning At Max Trades [dropdown]	No Pruning				
🔊 SELL Leg Settings					
🔢 Sell Settings Source	Automated: Based on Buy Settings				
ab Custom Sell Setup: Fill In If 'Custom'					
🔜 Sell: RSI Ind. Period [>=2]	0				
🔜 Sell: RSI Entry Method [dropdown]	Turned Off				
🐚 Sell: RSI Entry Level [0-100]	0.0				
📖 Sell: RSI Exit Method [dropdown]	Turned Off				
😡 Sell: RSI Exit Level Mode [dropdown]	Manual Exit Level				
🐚 Sell: RSI Exit Level [0-100]	0.0				
Sell: Single or Multiple Entries [dropdo	Multiple Entries After RSI Cross				
📖 Sell: Pruning At Max Trades [dropdown] No Pruning					
ab Market Phase Settings					
📖 Market Phase Filter [dropdown]	Disable Market Phase Filter				
📖 Market Phase Strategy [dropdown]	Continuation Strategy			Load	
ADX Period [>=1]	14			2000	
ADX Trigger Level [>=0]	25	•		Save	
	ОК	Can	cel	Rese	t

BUY Leg Settings

Buy: RSI Indicator Period

Used for, and corresponds to the RSI indicator's period parameter.

Buy: RSI Entry Method

Selects the way of new position entry.

Buy: RSI Entry Method [select]	Upward Crossover: Below to Above $\qquad \lor$
	Turned Off
	Upward Crossover: Below to Above
	Downward Crossover: Above to Below

Buy: RSI Entry Method	Description		
Turned Off	Buy entry is turned off. No new buy position is entered.		
Upward Crossover: Below to Above	 New buy entry is triggered when the price crosses or touches the <i>Buy: RSI Entry Level</i> from below to above. The trigger is considered qualified when the RSI reading is below the <i>Buy: RSI Entry Level</i> for the second last closed bar, and the RSI reading is on or above the <i>Buy: RSI Entry Level</i> for the last closed bar 		
Downward Crossover: Above to Below	 New buy entry is triggered when the price crosses or touches the <i>Buy: RSI Entry Level</i> from above to below. The trigger is considered qualified when the RSI reading is above the <i>Buy: RSI Entry Level</i> for the second last closed bar, and the RSI reading is on or below the <i>Buy: RSI Entry Level</i> for the last closed bar 		

Buy: RSI Entry Level

The value of the RSI indicator which is to be crossed by the actual RSI readings to trigger a new position entry.

Buy: RSI Exit Method

Selects the way of closing off existing buy positions.

Buy: RSI Exit Method [select]	Upward Crossover: Below to Above $$
	Turned Off
the second se	Upward Crossover: Below to Above
	Downward Crossover: Above to Below

Buy: RSI Exit Method	Description		
Turned Off	No existing buy position gets closed off due to RSI crossover. The various other <i>Position Management</i> methods - involving SL and TP adjustments - will be the way getting an open position closed.		
	Closing of an open buy position is triggered when the price crosses or touches the <i>Buy: RSI Exit Level</i> from below to above.		
Upward Crossover: Below to Above	 The trigger is considered qualified when the RSI reading is below the <i>Buy: RSI Exit</i> <i>Level</i> for the second last closed bar, and the RSI reading is on or above the <i>Buy: RSI</i> <i>Exit Level</i> for the last closed bar 		

Buy: RSI Exit Method	Description
Downward Crossover: Above to Below	Closing of an open buy position is triggered when the price crosses or touches the <i>Buy: RSI Exit Level</i> from above to below. The trigger is considered qualified when • the RSI reading is above the <i>Buy: RSI Exit</i> <i>Level</i> for the second last closed bar, and
	 the RSI reading is on or below the <i>Buy: RSI</i> <i>Exit Level</i> for the last closed bar

Buy: RSI Exit Level Mode

Selects the way the buy RSI Exit Level is determined. The buy RSI exit level value can be either entered by the user or calculated automatically by the EA.

📖 Buy: RSI Exit Level Mode [dropdown]	Manual Exit Level \sim
a distanti di	Manual Exit Level Auto-Balanced Exit Level
	Auto-Balanced Exit Level

Buy: RSI Exit Level Mode	Description
Manual Exit Level	The buy RSI exit value is configured by the user as entered into the input field Buy: RSI Exit Level.
	The buy RSI exit value is calculated by the EA automatically. In this case the Buy: RSI Exit Level is not used by the EA.
Auto-Balanced Exit Level	In order to get a balanced RSI entry and exit levels the EA takes the Buy: RSI Entry Level value and comes up with the exit level at the opposite end of the RSI range at the same distance. Here is a couple of examples of the calculated balanced exit levels:
	 Entry level of 20: balanced exit level of 80 Entry level of 25: balanced exit level of 75 Entry level of 30: balanced exit level of 70

Buy: RSI Exit Level

The value of the RSI indicator which is to be crossed by the actual RSI readings to trigger the closure of open buy positions.

Note: This input is only used by the EA if the mode *Manual Exit Level* is selected for the **Buy**: **RSI Exit Level** Mode.

Buy: Single or Multiple Entries

Selects the way the RSI crossovers get traded:

Buy: Single or Multiple Entries [dropdo	Multiple Entries After RSI Cross \sim
	Single Entry After RSI Cross
	Multiple Entries After NSI Cross

Buy: Single or Multiple Entries	Description
Single Entry After RSI Cross	Only one new trade is entered when an RSI crossover takes place.

Buy: Single or Multiple Entries	Description
Multiple Entries After RSI Cross	A new trade is entered for every new bar after an RSI crossover.

Buy: Pruning At Max Trades

Allows for replacement of an existing open trade by a new trade when the maximum open trades limit is reached.

📖 Buy: Pruning At Max Trades [dropdown]	No Pruning 🗸 🗸
	No Pruning Close Most Profitable Trade Close Least Profitable Trade

Buy: Pruning At Max Trades	Description
No Pruning	Pruning is turned off, no existing open trade gets closed off due to pruning. This also means that no new trades are entered once the Max Total Trades Open at a Time is reached.Existing open trades are still managed and they may get closed off by hitting their target or stop levels, or trailing stops etc.
Close Most Profitable Trade	The open trade, either buy or sell, with the highest profit amount gets closed during pruning. If all the open buy and sell trades are in losses then the one with the least amount of losses gets closed out.
Close Least Profitable Trade	The open trade, either buy or sell, with the least profit amount gets closed during pruning. If all the open buy and sell trades are in losses then the one with the most amount of losses gets closed out.

SELL Leg Settings

Sell Settings Source

Offers an option to decouple the buy and sell side settings. By default, the sell side settings are coupled with the buy side settings, i.e. the sell side settings are derived from the buy side to mirror the entry and exit settings. This keeps the trading logic unbiased making buy and sell entries.

If different buy and sell side settings are desired then decouple the two sides by selecting the *Custom: Manual Sell Settings* option and filling in all the EA input *Sell: RSI* ... parameters.

sell Settings Source	Automated: Based on Buy Settings $$
	Automated: Based on Buy Settings
	Custom: Manual Sell Settings

Sell Settings Source	Description
	The sell side settings are derived from the buy side settings to do the opposite of the buy side.
	• Entry and Exit Methods:
Automated: Based on By Settings	 Buy Upward Crossover is mapped to Sell Downward Crossover Buy Downward Crossover is mapped to Sell Upward Crossover Entry Level: Sell Entry Level is calculated as 100 - Buy Entry Level Exit Level: Sell Exit Level is calculated as 100 - Buy Exit Level
Custom: Manual Sell Settings	The sell side uses the custom settings as provided by the EA parameters <i>Sell: RSI Ind. Period, Sell: RSI</i> <i>Entry Method, Sell: RSI Entry Level, Sell: RSI Exit</i> <i>Method</i> and <i>Sell: RSI Exit Level.</i>

Custom Sell Setup

Sell: RSI Indicator Period

Used for, and corresponds to the RSI indicator's period parameter.

Sell: RSI Entry Method

Selects the way of new position entry.



Sell: RSI Entry Method	Description
Turned Off	Sell entry is turned off. No new sell position is entered.
	New sell entry is triggered when the price crosses or touches the <i>Sell: RSI Entry Level</i> from below to above.
Upward Crossover: Balow to Above	The trigger is considered qualified when
Upward Crossover: Below to Above	 the RSI reading is below the <i>Sell: RSI Entry</i> <i>Level</i> for the second last closed bar, and the RSI reading is on or above the <i>Sell: RSI</i> <i>Entry Level</i> for the last closed bar
Downward Crossover: Above to Below	New sell entry is triggered when the price crosses or touches the <i>Sell: RSI Entry Level</i> from above to below.
	The trigger is considered qualified when
	 the RSI reading is above the <i>Sell: RSI Entry</i> <i>Level</i> for the second last closed bar, and the RSI reading is on or below the <i>Sell: RSI</i> <i>Entry Level</i> for the last closed bar

Sell: RSI Entry Level

The value of the RSI indicator which is to be crossed by the actual RSI readings to trigger a new position entry.

Sell: RSI Exit Method

Selects the way of closing off existing sell positions.

📖 Sell: RSI Exit Method [select]	Turned Off 🛛 🗸 🗸
	Turned Off
	Upward Crossover: Below to Above
	Downward Crossover: Above to Below

Sell: RSI Exit Method	Description
Turned Off	No existing sell position gets closed off due to RSI crossover. The various other <i>Position Management</i> methods - involving SL and TP adjustments - will be the way getting an open position closed.
Upward Crossover: Below to Above	Closing of an open sell position is triggered when the price crosses or touches the <i>Sell: RSI Exit Level</i> from below to above.
	The trigger is considered qualified when
	 the RSI reading is below the <i>Sell: RSI Exit</i> <i>Level</i> for the second last closed bar, and the RSI reading is on or above the <i>Sell: RSI</i> <i>Exit Level</i> for the last closed bar
Downward Crossover: Above to Below	Closing of an open sell position is triggered when the price crosses or touches the <i>Buy: RSI Exit Level</i> from above to below.
	The trigger is considered qualified when
	 the RSI reading is above the <i>Sell: RSI Exit</i> <i>Level</i> for the second last closed bar, and the RSI reading is on or below the <i>Sell: RSI</i> <i>Exit Level</i> for the last closed bar

Sell: RSI Exit Level Mode

Selects the way the sell RSI Exit Level is determined. The sell RSI exit level value can be either entered by the user or calculated automatically by the EA.

📖 Sell: RSI Exit Level Mode [dropdown]	Manual Exit Level 🗸 🗸
	Manual Exit Level
	Auto-Balanced Exit Level

Sell: RSI Exit Level Mode	Description
Manual Exit Level	The sell RSI exit value is configured by the user as entered into the input field Sell: RSI Exit Level.

Sell: RSI Exit Level Mode	Description
	The sell RSI exit value is calculated by the EA automatically. In this case the Sell: RSI Exit Level is not used by the EA.
Auto-Balanced Exit Level	In order to get a balanced RSI entry and exit levels the EA takes the Sell: RSI Entry Level value and comes up with the exit level at the opposite end of the RSI range at the same distance. Here is a couple of examples of the calculated balanced exit levels:
	 Entry level of 20: balanced exit level of 80 Entry level of 25: balanced exit level of 75 Entry level of 30: balanced exit level of 70

Sell: RSI Exit Level

The value of the RSI indicator which is to be crossed by the actual RSI readings to trigger the closure of open sell positions.

Note: This input is only used by the EA if the mode *Manual Exit Level* is selected for the Sell: RSI Exit Level Mode.

Sell: Single or Multiple Entries

Selects the way the identified trend gets traded:

Sell: Single or Multiple Entr	ies [dropdo Multiple Entries After RSI Cross Single Entry After RSI Cross Multiple Entries After RSI Cross	
Sell: Single or Multiple Entries	Description	
Single Entry After RSI Cross	Only one new trade is entered when an RSI crossover takes place.	
Multiple Entries After RSI Cross	A new trade is entered for every new bar after an RSI crossover.	

Sell: Pruning At Max Trades

Allows for replacement of an existing open trade by a new trade when the maximum open trades limit is reached.

📖 Sell: Pruning At Max Trades [dropdown]	No Pruning \checkmark
	No Pruning
	Close Most Profitable Trade
	Close Least Profitable Trade

Buy: Pruning At Max Trades	Description
No Pruning	Pruning is turned off, no existing open trade gets closed off due to pruning. This also means that no new trades are entered once the Max Total Trades Open at a Time is reached.Existing open trades are still managed and they may get closed off by hitting their target or stop levels, or trailing stops etc.
Close Most Profitable Trade	The open trade, either buy or sell, with the highest profit amount gets closed during pruning. If all the open buy and sell trades are in losses then the one with the least amount of losses gets closed out.

Buy: Pruning At Max Trades	Description
Close Least Profitable Trade	The open trade, either buy or sell, with the least profit amount gets closed during pruning. If all the open buy and sell trades are in losses then the one with the most amount of losses gets closed out.

Market Phase Settings

Market Phase Filter

Allows for the identification of trending vs sideways market phases and applying the selected trading strategy.

Market Phase Filter [dropd	Disable Market Phase Filter Disable Market Phase Filter Enable Market Phase Filter T#	
Market Phase Filter	Description	
Disable Market Phase Filter	Turns off the market phase filter feature. New trade entries will only be based on the RSI crossovers.	
Enable Market Phase	Turns on the market phase filter feature. New trade entries will be based on the	

Market Phase Strategy

Filter

Market Phase Strategy [dropdown]	Continuation Strategy \checkmark
	Continuation Strategy Reversal Strategy
	70

Market Phase Strategy	Description
Continuation Strategy	A new trade is only entered if the ADX reading is on or above the ADX Trigger Level, otherwise the entry gets filtered and does not take place.
Reversal Strategy	A new trade is only entered if the ADX reading is on or below the ADX Trigger Level, otherwise the entry gets filtered and does not take place.

selected Market Phase Strategy along with the RSI crossovers.

See the various examples of the Market Phase Settings in the following table:

Example Use Case	Description
Trading only the RSI crosses	 Example: I always want to trade the market when an RSI crossover takes place. I want only one trade right after an RSI crossover, but no further trade until after the next RSI cross. Here is an EA configuration to achieve the above: 1. Buy: Single or Multiple Entries = Single Entry After RSI Cross
regardless of market the phase	2. Market Phase Filter = Disable Market Phase Filter
	Note: Due to the nature of the RSI indicator there could be multiple crosses of the same level in a row. In this case there will be one new entry after each of these crosses.

Example Use Case	Description
	Example: I want to trade the market in a trend following manner. I want new trades only when the 14 period ADX reading is on or above 25, and I want to enter a new trade upon every new bar after the RSI cross.
Trending market phase:	Here is an EA configuration to achieve the above:
Continuation Strategy using the RSI crosses	1. Buy: Single or Multiple Entries = Multiple Entries After RSI Cross
	2. Market Phase Filter = Enable Market Phase Filter
	3. Market Phase Strategy = <i>Continuation Strategy</i>
	4. ADX Period = 14
	5. ADX Trigger Level = 25
	Example: I want to trade the market in a bounce back (counter-trend) manner. I want new trades only when the 14 period ADX reading is on or below 25, and I want to enter a new trade upon every new bar after the RSI cross.
Bouncing or sideways market	Here is an EA configuration to achieve the above:
phase: Reversal Strategy using the RSI crosses	1. Buy: Single or Multiple Entries = Multiple Entries After RSI Cross
	2. Market Phase Filter = Enable Market Phase Filter
	3. Market Phase Strategy = <i>Reversal Strategy</i>
	4. ADX Period = 14
	5. ADA Ingger Level = 25

ADX Period

Used for and corresponds to the ADX indicator's period parameter.

ADX Trigger Level

Corresponds to the ADX indicator main reading. The EA uses the ADX reading in order to apply the selected Market Phase Strategy.

Note: The EA does not use the -DI or the +DI values, only the main ADX value.

4.2.3 Common Settings

Expert - theTradeableRSI			?	×
About Common Inputs Dependencies				
Variable	Value	^		
ab ==== Common Settings				
🝺 Trade Limits				
🔢 Trade After Loss [dropdown]	Unlimited Same Trade Reentry			
Max Spread for Position Entry, Pips	5.0			
Max Total Trades Open at a Time [>=0]	1			
ab ==== Position Management			Load	
Direction of Trade Entry [dropdown]	Same as Trigger Direction (Buy Trigger=>B		2000	
Initial SL for New Position, Pips [0:Off]	0	~	Save	
	ОК	Can	cel Reset	

Trade Limits

Trade After Loss

Offers an option to limit subsequent buy or sell trades in a trending market. In trending market there could be subsequent trades with the same direction entered and closing with losses. In order to avoid these losses in a trending market the EA may trade only in the opposite trade direction should the last trade closed off with losses.

时 Trade After Loss [select]	Only Opposite Trade 🗸 🗸
	Only Opposite Trade
	Unlimited Same Trade Reentry

Trade After Loss	Description
	New buy entry is performed only if
Only Opposite Trade	 The last closed trade was a sell trade, or The last closed trade was a buy with profit.
	 The last closed trade was a buy trade, or The last closed trade was a sell with profit.
Unlimited Same Trade Reentry	New buy or sell entry is performed regardless of the direction or profitability of the last closed trade.

Max Spread for Position Entry

The maximum value of the current market spread the EA is allowed to perform market entry, i.e. to open a new position. If the current spread of the market exceeds this limit then the EA will not consider to open position until after the spread drops to or below this value.

Max Total Trades Open at a Time

The limit to the number of open buy and sell trades together entered and maintained by the EA at any point in time. How this limit is applied to the trading logic is determined by the Buy: Pruning At Max Trades and the Sell: Pruning At Max Trades.

4.2.4 Position Management

Expert - theTradeableRSI			?	×
About Common Inputs Dependencies				
Variable	Value	^		
ab ==== Position Management				
Direction of Trade Entry [dropdown]	Same as Trigger Direction (Buy Trigger=>B			
📖 Initial SL for New Position, Pips [0:Off]	0			
📖 Take Profit, Pips [0:Off]	0			
ab Position Sizing				
Position Sizing Method [dropdown]	Manual Lot Size			
随 Initial Risk Percent [>0]	1.0			
🐚 Lots for 'Manual Lot Size'	0.01			
🔊 Breakeven				
📖 Move SL to Breakeven at Profit, Pips [0			
🔢 Lock-in Profit At Breakeven Move, Pip	0			
😥 Trailing Stop				
📖 Trailing Start at Profit, Pips [0:Off]	0			
🔢 Trailing SL, Pips [>=1]	0			
🔢 Trailing Stepping, Pips [>=1]	0			
ab Dynamic Stop				
📖 Dynamic Stop Start at Profit, Pips [0:Off]	0			
Dynamic Stop Stepping, Pips [>=1]	0			
ab Dynamic Target			Land	_
🔢 Dynamic Target Start at Loss, Pips [0:	0		Load	
Dynamic Target Stepping, Pips [>=1]	0	~	Save	
				_
	ОК	Cancel	Reset	

Direction of Trade Entry

Direction of Trade Entry

Option to reverse or not a trigger when a new position gets entered.

Direction of Trade Entry [select]	Same as Trigger Direction (Buy Trigger=> Same as Trigger Direction (Buy Trigger=>Buy Reverse Trigger Direction (Buy Trigger=>Sell
Direction of Trade Entry	Description
Same as Trigger Direction (Buy Trigger => Buy Trade)	 The new trade is entered as: When the <i>Buy: RSI Entry Method/Entry Level</i> identifies a BUY opportunity -> opens a BUY position. When the <i>Sell: RSI Entry Method/Entry Level</i> identifies a SELL opportunity -> opens a SELL position.

Direction of Trade Entry	Description	
Reverse Trigger Direction (Buy Trigger => Sell Trade)	 The new trade is entered as: When the <i>Buy: RSI Entry Method/Entry Level</i> identifies a BUY opportunity -> opens a SELL position. When the <i>Sell: RSI Entry Method/Entry Level</i> identifies a SELL opportunity -> opens a BUY position. 	

Initial SL for New Position

Initial SL for New Position, Pips

The Stop Loss value in pips for a new position, set after market entry. When configured as zero then no Stop Loss is set for new positions.

Example: I want to have Stop Loss of 60 pips after entering a new trade. I want to take profit of 100 pips gain off the trade.

Here is an EA configuration to achieve the above:

```
1. Take Profit = 100
```

2. Initial SL for New Position = 60

Take Profit

Take Profit, Pips

Target profit value in pips for a new position, set after market entry. When configured as zero then no Take Profit is set for new positions.

Example: I want to take profit at 100 pips gain after entering a new trade. The Stop Loss for the trade is 60 pips.

Here is an EA configuration to achieve the above:

1. *Take Profit* = 100

2. *Initial SL for New Position* = 60

Position Sizing

Position Sizing Method

The position sizing mechanism used for new trades at market entry.

Position Sizing Method [select]	Manual Lot Size	~
	Percent of Account Free Margin Percent of Account Equity Percent of Account Balance	
	Manual Lot Size	

Position Sizing Method	Description
Percent of Account Free Margin	 The lots for new position is calculated based on Free Margin available on account, and <i>Initial Risk Percent</i>, and <i>Initial SL for New Position</i> The lots for the new position is calculated in a way that should the initial SL get hit the loss would not be higher than the risk percent of the free margin.

Position Sizing Method	Description
Percent of Account Equity	 The lots for new position is calculated based on Equity available on account, and <i>Initial Risk Percent</i>, and <i>Initial SL for New Position</i> The lots for the new position is calculated in a way that should the initial SL get hit the loss would not be higher than the risk percent of the equity.
Percent of Account Balance	 The lots for new position is calculated based on Balance available on account, and <i>Initial Risk Percent</i>, and <i>Initial SL for New Position</i> The lots for the new position is calculated in a way that should the initial SL get hit the loss would not be higher than the risk percent of the account balance.
Manual Lot Size	The lots for the new position is not calculated by the EA, instead it is fixed and set to the user-defined value from <i>Lots for Manual Lot Size</i> .

The position sizing calculation takes place at the time of market entry, when all the entry criteria are met.

The calculated lots value is normalized according to the minimum lots size and lots stepping requirements of the MT4 terminal. Therefore the actual risk amount may vary and will be a best effort and approximate of the configured target risk value.

When the calculated lots value is higher than the broker maximum allowed lot size, the EA truncates the lots to the maximum allowed figure and carries on with this capped lots value.

Furthermore, the market conditions (e.g. fast price movements) or the MT4 operational conditions (e.g. lost connectivity to broker) may alter the actual exit point of an open trade, resulting in higher or lower actual risk compared to the configured target risk value.

Initial Risk Percent

Determines the risk amount allocated to a new trade as a percent of the broker account value. For more details see the *Position Sizing Method*

Lots for 'Manual Lot Size'

Sets the fixed lot size for new positions to this user-defined value when the *Manual Lot Size* option is selected for *Position Sizing Method*.

Breakeven

Move SL to Breakeven at Profit, Pips

The EA moves an existing open position's stop loss to break even (i.e. its entry price) when the position gets into profit by at least this *Move SL to Breakeven at Profit* pips.

This breakeven feature can be turned off by setting the Move SL to Breakeven at Profit to zero value.

Lock-in Profit At Breakeven, Pips

This EA parameter works together with the *Move SL to Breakeven at Profit*. When an existing open position gets into profit by at least *Move SL to Breakeven at Profit* pips, then the position's stop loss gets moved to break even point, and potentially further offset it into profit by the number of pips specified by this *Lock-in Profit At Breakeven* parameter.

Assuming the following configuration:

- Move SL to Breakeven at Profit = 10
- Lock-in Profit At Breakeven = 2
- An existing buy position with open price of 1.1200 gets into profit by 11 pips.

Because the open position reached the minimum profit level of 10, the EA moves the stop loss to 1.1202 which is break even plus 2 pips of profit lock-in.

Note: If the Lock-in Profit At Breakeven was set to zero then the stop loss would bed to break even of 1.1200.

Trailing Stop

Trailing Start at Profit, Pips

The EA starts off the trailing of price by moving an existing open position's stop loss when the position gets into profit by at least this *Trailing Start at Profit* pips. Once the trailing got activated, the SL gets adjusted every time when the price moves further and the position gets further into profit by *Trailing Stepping* pips. Refer to *Trailing SL* and *Trailing Stepping* for more details.

Trailing SL, Pips

When trailing feature is activated, the SL of the position is set by this amount of pips behind the last peak of price in profit.

Trailing Stepping, Pips

When trailing feature is actived and the price moves in the favour of the position by this amount of pips again then the position's SL gets adjusted again. The new SL is set to be *Trailing SL* behind of the most recent peak price in profit.

For instance, assuming the following trailing settings:

- **1.** *Trailing Start at Profit* = 10
- **2.** Trailing SL = 20
- **3.** *Trailing Stepping* = 5

When the open position reaches first time into profit by 10 pips the EA sets the position's SL to current price - 20 pips, which is actually 10 pips in loss compared to the original entry.

When the price advances further into profit by 5 pips then the EA pulls the SL by 5 pips, re-setting the SL to current price - 20 pips. In other words, the SL trails the best price by steppings of 5 pips, keeping the stop loss distance to 20 pips at each adjustment.

Dynamic Stop

Dynamic Stop Start at Profit, Pips

The EA brings progressively forward the Stop Loss of an existing position when the price moves closer to the Take Profit of the position. Over time, the smaller the gap to the Take Profit becomes the smaller the stop behind the current price gets used.

Tip: Watch the Expert4x Dynamic Stop video about this concept.

The EA starts to bring forward the SL of a position when the position gets into profit by at least this *Dynamic Stop Start at Profit* pips. Once the dynamic stop got activated the SL gets further brought forward every time when the price moves on and the position gets further into profit by *Dynamic Stop Stepping* pips. The SL gets recalculated to be the same distance on the stop side as the number of pips are left to reach the Take Profit level. That is the stop gets narrower as the price gets closer to the target.

For instance, assuming the following settings:

- **1.** *Take Profit* = 100 pips
- **2.** *Dynamic Stop Start at Profit* = 50 pips
- **3.** *Dynamic Stop Stepping* = 10 pips

When the open position the first time goes into profit by 50 pips the EA identifies that another 50 pips is left to reach the TP level. The SL gets recalculated to be that 50 pips behind the current price, i.e. break even in this example.

When the price advances further into profit by 10 pips then the EA identifies that another 40 pips is left to reach the TP. The SL gets recalculated to be that 40 pips behind the current price, i.e. 10 pips in profit from the original entry price. Every time the price advances further and making the position into profit by another 10 pips, the EA will move the SL tighter and reduce the size of the SL by that 10 pips.

Related information

Expert4x Dynamic Stop video

Dynamic Stop Stepping, Pips

The EA brings progressively forward the Stop Loss of an existing position when the price moves closer to the Take Profit of the position. Over time, the smaller the gap to the Take Profit becomes the smaller the stop behind the current price gets used.

Tip: Watch the Expert4x Dynamic Stop video about this concept.

The EA starts to bring forward the SL of a position when the position gets into profit by at least this *Dynamic Stop Start at Profit* pips. Once the dynamic stop got activated the SL gets further brought forward every time when the price moves on and the position gets further into profit by *Dynamic Stop Stepping* pips. The SL gets recalculated to be the same distance on the stop side as the number of pips are left to reach the Take Profit level. That is the stop gets narrower as the price gets closer to the target.

For more details and example refer to Dynamic Stop Start at Profit for more details.

Related information Expert4x Dynamic Stop video

Dynamic Target

Dynamic Target Start at Loss, Pips

The EA pulls back the Take Profit of an existing position when the price moves closer to the Stop Loss of the position.

Tip: Watch the Expert4x Dynamic Target video about this concept.

The EA starts off pulling back the TP of a position when the position gets into losses by at least this *Dynamic Target Start at Loss* pips. Once the dynamic target got activated the TP gets further pulled back every time when the price moves on and the position gets further into losses by *Dynamic Target Stepping* pips.

For instance, assuming the following settings:

- **1.** *Take Profit* = 100 pips
- **2.** *Dynamic Target Start at Loss* = 50 pips
- **3.** *Dynamic Target Stepping* = 10 pips

When the open position the first time goes into loss by 50 pips the EA pulls back the position's TP by 50 pips. The new TP will be the current price - 100 pips, that is +50 pips from the original entry.

When the price advances further into losses by 10 pips then the EA pulls further back the TP by 10 pips, resetting the TP to current price - 100 pips, that is +40 pips from the original entry. In other words, the TP trails the latest price leading to losses by steppings of 10 pips, keeping the TP distance to 100 pips at each adjustment.

Related information

Expert4x Dynamic Target video

Dynamic Target Stepping, Pips

The EA pulls back the Take Profit of an existing position when the price moves closer to the Stop Loss of the position.

Tip: Watch the Expert4x Dynamic Target video about this concept.

Once the dynamic target got activated the TP gets further pulled back every time when the price moves on and the position gets further into losses by this *Dynamic Target Stepping* pips.

For more details and example refer to Dynamic Target Start at Loss for more details.

Related information

Expert4x Dynamic Target video

4.2.5 Day of Week & Time of Day Entry Filter

Expert -				?	×
About Common Inputs Dependencies					
Variable	Value	^			
ab ==== 'Day of Week' & 'Time of Day' En					
Reference Time Selection [select]	Broker Server Time				
GMT Offset of Broker (For 'GMT Time'	Ignore for Broker Server & PC Local Time				
Entry Window From Hour	0				
Entry Window From Minute	0				
📖 Entry Window Until Hour	24				
📖 Entry Window Until Minute	0				
Monday Trade Entry [select]	Entry Enabled				
📖 Tuesday Trade Entry [select]	Entry Enabled				
Wednesday Trade Entry [select]	Entry Enabled				
Thursday Trade Entry [select]	Entry Enabled				
Friday Trade Entry [select]	Entry Enabled			Load	
😡 Saturday Trade Entry [select]	Entry Enabled			Luau	
📖 Sunday Trade Entry [select]	Entry Enabled	~		Save	
	ОК	Cano	cel	Rese	t

Reference Time Selection

Reference Time Selection

Selects the nature of the time used by the EA when time specific actions are performed.

Reference Time Selection [select]	Broker Server Time 🗸 🗸
	Broker Server Time
and the second second	GMT Time (Set GMT Offset Below)

Reference Time Selection	Description
Broker Server Time	Entry window hour and minute settings are relevant to the broker's server time. See below picture showing the broker server time in the Market Watch window.
PC Local Time	Entry window hour and minute settings are relevant to the local time of the PC hosting the MT4 terminal and EA. When setting up the time parameters consider the time zone differences between the market open hours versus the PC local time.

Reference Time Selection	Description
GMT Time (Set GMT Offset Below)	Entry window hour and minute settings are relevant to the selected GMT offset. This feature is useful to keep the entry window hour and minute settings the same when the EA is executed across different brokers. In this case only the broker GMT offset needs to be set on the different brokers' MT4 instances, and the EA adjusts automatically the entry window for the broker. In this case, use the GMT Offset of Broker to select the broker offset and always set the window hour values in GMT +0 time zone.

GMT Offset of Broker

GMT Offset of Broker

The time zone shift of the MT4 broker's server time. This parameter is only required if *GMT Time* option is selected for the Reference Time Selection.

Ignore for Broker Server & PC Local Time Cases $ \smallsetminus $
Ignore for Broker Server & PC Local Time Cases
GMT 10:00
GMT-9:00
GMT -8:00 Pacific Time (US & Canada)
GMT -7:00 Mountain Time (US & Canada)
GMT -6:00 Central Time (US & Canada)
GMT -5:00 Eastern Time (US & Canada)
GMT -4:00 Atlantic Time (Canada)
GMT -3:00 Brasilia
GMT -2:00
GMT -1:00
GMT +0:00 Greenwich Mean Time (London)
GMT +1:00 Central Europe (Brussels, Berlin)
GMT +2:00 Eastern Europe (Athens, Tallin)
GMT +3:00 Moscow
GMT +4:00
GMT +5:00
GM1+6:00
GMT +/:00
GMT +8:00
GMT +9:00 GMT +10:00 Eastern Australia (Sudrau)
GMT +10:00 Eastern Australia (Sydney)
GMT +11:00 GMT +12:00
GMT +12.00
GMT +14:00

Unfortunately MT4 terminal does not provide this broker GMT offset information therefore a query to the broker maybe needed to get this value. As an alternative, one may make an attempt to calculate this offset through the following steps:

1. The Market Watch window's header shows the broker's server time, press Ctrl+M in the MT4 terminal:

	—	1	
Market Watch:	23:46:55		x
Symbol	Bid	Ask	^
USDCHF	0.94233	0.94252	
GBPUSD	1.25401	1.25418	
- cupuep	4 40707	4.40740	

This time can be compared to the GMT+0 time to calculate the GMT offset of the broker.

- 2. In a web browser search for gmt time keywords to see the current GMT time.
- **3.** Then compare the search result of current GMT time to the current time displayed by the Market Watch window of the MT4 terminal. The difference of the two times gives the broker GMT offset.

Based on past experience, with no guarantee that the information is correct, these are a few sample broker GMT offsets observed as of July 2015:

MT4 Terminal	Broker	GMT Offset
AxiTrader	AxiCorp Financial Services Pty Ltd	+3
IC Markets	International Capital Markets Pty Ltd	+3
InstaForex	InstaForex Companies Group	+3
FXCM	Forex Capital Markets Inc	+3
ThinkForex	TF Global Markets (Aust) Pty Ltd	+3
RoboForex EU	RoboForex (CY) Ltd	+3
Tallinex	Tallinex Ltd	0
Oanda	OANDA Corporation	-4
MB Trading FX	MB Trading Futures Inc	-4

The value in the GMT Offset column could be used for the EA parameter GMT Offset of Broker.

Entry Window From Hour/Minute - Entry Window Until Hour/Minute

Entry Window From Hour/Minute - Entry Window Until Hour/Minute

Limits the period of a day when a new position entry may take place.

The From Hour & Minute is inclusive, while the Until Hour & Minute is exclusive. The following table shows examples how to configure these parameters for the entry window period:

Desired Entry Period	Entry Window From	Entry Window Until	
8 – 10 (i.e. 8:00.00–9:59.59)	Hour $= 8$ & Minute $= 0$	Hour = 10 & Minute = 0	
10 – 17 (i.e. 10:00.00-16:59.59)	Hour = $10 \& Minute = 0$	Hour = $17 \& \text{Minute} = 0$	
All Day	Hour = 0 & Minute = 0	Hour = 24 & Minute = 0	

The entry window from and until hours are specific to the selected time at Reference Time Selection.

Monday ... Sunday Trade Entry

Monday ... Sunday Trade Entry

Days allowed for new position entry. Subsequent management of stop loss or exit of already open trades may happen outside of the enabled days, only the entry of new positions is limited to the selected days:

Monday Trade Entry [select]	Entry Enabled V
123 Tuesday Trade Entry [select]	No Entry
📖 Wednesday Trade Entry [select]	Entry Enabled
📾 Thursday Trade Entry [select]	Entry Enabled
Friday Trade Entry [select]	Entry Enabled
📖 Saturday Trade Entry [select]	Entry Enabled
📖 Sunday Trade Entry [select]	Entry Enabled

Day of Week Trade Entry	Description
	No new entry is executed on that day.
No Entry	Stop Loss management, if turned on, for existing open positions are still executed as normal.
Entry Enabled	New entry is allowed for the day when all other entry criteria are met.

4.2.6 Operations Settings

Expert - theTradeableRSI			? ×
About Common Inputs Dependencies			
Variable	Value	^	
📖 Thursday Trade Entry [dropdown]	Entry Enabled		
🔢 Friday Trade Entry [dropdown]	Entry Enabled		
🔢 Saturday Trade Entry [dropdown]	Entry Enabled		
📖 Sunday Trade Entry [dropdown]	Entry Enabled		
ab ==== Operations Settings			
Closeout Summary Text Colour	Gray		Load
Tick Scaling for CFD Markets [dropdo	Auto Scale for Index Markets		
🔢 MagicNumber	150919	~	Save
	ОК	Can	cel Reset

Closeout Summary Text Colour

Closeout Summary Text Colour

The colour of the text in the chart describing the summary of the run closure. The run gets closed off when one of the exit conditions configured at the section Combined Target Settings gets fulfilled.

	None			
	Custom			
Closeout Summary Text Colour	Gray			

Tick Scaling for CFD Markets

Tick Scaling for CFD Markets

Provides a consistent tick, pip, cent and point values across various markets and brokers. This is specific to stock indices, metal, commodity etc markets keeping the cent or dollar unit consistently applied. Wherever the EA is configured with a 'Pip' value then it is consistently mapped to the cent or dollar unit for those non-FOREX markets.

Tick Scaling for CFD Markets [select]	Auto Scale for Index Markets $$
and the second se	Auto Scale for Index Markets Never Scale Always Scale

Tick Scaling for CFD Markets	Description
Auto Scale for Index Markets	Based on the characteristics of the market the EA automatically recognizes if the underlying market was a stock index market, like the US30, GER30 or JP225 etc. In this case the 'pip' values configured for the EA are scaled up to the 'dollar' value of the index: 1234 <u>5</u> .67
Never Scale	The EA does not scale up the 'pip' values even if the market could be recognized as a stock index market.
Always Scale	The EA applies the scaling up of the 'pip' values to the 'dollar' value even if the market could not be recognized as stock index market. This option is useful if the 'dollar' based approach is desired for trading.

Note: The EA always deals with the fractional pip values therefore there is no need to increase the 'pip' values for brokers with 1, 3 or 5-digit data feed.

Examples:

Trading Approach	Chart of Market	Stop Loss EA Parameter Value	Tick Scaling for CFD Markets Value	Buy Entry Fill Price	Calculated Stop Loss Value	Description
Index market with \$1.00 unit	US30	100	Auto Scale for Index Markets Alternative: Always Scale	26 <u>1</u> 23.90	26 <u>0</u> 23.90	The EA scales the 100 'pips' parameter to market price of 100.00 US dollar units (i.e. 100.00 points)
FOREX pair with 0.0001 unit	EURUSD	100	Auto Scale for Index Markets Alternative: Never Scale	1.1 <u>3</u> 412	1.1 <u>2</u> 412	The EA keeps the 100 'pips' parameter as it is
Gold market with \$0.01 unit	XAUUSD	100	Auto Scale for Index Markets Alternative: Never Scale	128 <u>8</u> .23	128 <u>7</u> .23	The EA maps the 100 'pips' parameter to 100 cent units

Trading Approach	Chart of Market	Stop Loss EA Parameter Value	Tick Scaling for CFD Markets Value	Buy Entry Fill Price	Calculated Stop Loss Value	Description
Gold market with \$1.00 unit	XAUUSD	100	Always Scale	1 <u>2</u> 88.23	1 <u>1</u> 88.23	The EA maps the 100 'pips' parameter to 100 dollar units
Oil market with \$0.01 unit	USOil	100	Auto Scale for Index Markets Alternative: Never Scale	5 <u>6</u> .752	5 <u>5</u> .752	The EA maps the 100 'pips' parameter to 100 cent units
Oil market with \$1.00 unit	USOil	10	Always Scale	<u>5</u> 6.752	<u>4</u> 6.752	The EA maps the 10 'pips' parameter to 10 dollar units
Copper market with \$0.01 unit	COPPER	100	Auto Scale for Index Markets Alternative: Never Scale	<u>2</u> .9245	<u>1</u> .9245	The EA maps the 100 'pips' parameter to 100 cent units
Cocoa market with \$0.01 unit	COCOA	100	Auto Scale for Index Markets Alternative: Never Scale	2 <u>1</u> 60	2 <u>0</u> 60	The EA maps the 100 'pips' parameter to 100 cent units
Natural gas market with \$0.01 unit	NGAS	100	Auto Scale for Index Markets Alternative: Never Scale	<u>2</u> .843	<u>1</u> .843	The EA maps the 100 'pips' parameter to 100 cent units

Magic Number Parameter

Magic Number

The EA marks its orders with this value when submitting to the broker account, and picks up orders which are marked with this magic number value and belong to the chart of the EA. In the case of multiple EA's running on the same market ensure that they get unique *Magic Number* allocations to avoid cross-impact between the EA instances handling the orders. See Configuration and Operation Principles section for more explanation and setup examples.

Related information

Configuration and Operation Principles The theTradeableRSI EA operational overview.
Chapter 5

Knowledgebase

Frequently Asked Questions and other common use cases.

5.1 How to Download MT4

Question

How can I install the MT4 platform?

I checked the MetaQuotes site and it looks like I can only download the MT5 platform.

Answer

The way to get and install MT4 is to download it directly from your broker.

Please download the MT4 setup application directly from one of your preferred brokers web site.

5.2 How to Download the Setup Application

Question

How to download the theTradeableRSI EA Setup application?

1. Log in to the Web Support Centre.

	🔊 We	b Suppor	t Centre	×	+		-		×
<	- >	G	https://	//my.eafacto	y.com/expert4x			Θ	:
					Expert4	x			
				Login	Login name : Login name				
					Password : Password				
				Login n	me recovery				
				Passwo	d recovery				
	Servi v4.5.0	ces powe 0	red by EAfac	tory.com - Cop	vright © 2008-2020 EAfactory.com -	Terms	and Conditions	Privacy F	Policy
4									l +

2. Scroll down and click on the theTradeableRSI EA in the Product List.

Product List						
Expert4x theTradeableRSI	Ĵ					
Fynert4y	÷					

3. Click on the Product Download button to download the EA setup.

Relea	se List
theTradeableRSI MT5 v	Users Guide Product Download
theTradeableRSI MT4 v	Users Guide Product Download

5.3 How to Install the theTradeableRSI EA

The theTradeableRSI EA comes with a setup application to provide a wizard based installation process to the selected MT4 terminal.

Before you start...

- Ensure that you have the login credentials to the Web Support Centre.
- Ensure that you have an MT4 terminal version 4.00 build 1280 or later installed.
- **1.** Exit MT4 if it was running.
- 2. Select the desired service and download the setup application with the latest version.
- 3. Run the setup application. Select the MT4 instance during setup to where you want the service installed.
- 4. When setup completes start up MT4. The theTradeableRSI EA entry should appear under the Expert Advisors node in the Navigator window (View > Navigator)

These pictures highlight the steps how to install the EA.

🚱 Setup - theTradeableRSI MT4 EA 🦳 🗌 🗙					
	Welcome to the theTradeableRSI MT4 EA Setup Wizard				
	This will install theTradeableRSI MT4EA version on your computer.				
	It is recommended that you close all other applications before continuing.				
	Click Next to continue, or Cancel to exit Setup.				
	Next > Cancel				

😼 Setup - the TradeableRSI MT4 EA -	_		×
Select Target MetaTrader Directory For which MT4 location should theTradeableRSI EA be installed?		¢	
Setup will install the theTradeableRSI EA under the selected MT4 instan	ce.		
 C:\Program Files (x86)\MetaTrader 4 IC Markets's Data Folder C:\Program Files (x86)\DANDA MetaTrader's Data Folder C:\Program Files (x86)\DANDA MetaTrader's Data Folder C:\Program Files (x86)\MetaTrader 4's Data Folder C:\Program Files (x86)\MetaTrader 4's Data Folder C:\Program Files (x86)\MetaTrader 4's Data Folder C:\Program Files (x86)\MetaTrader 4 FinFX's Data Folder C:\Program Files (x86)\MetaTrader 4 FinFX's Data Folder C:\Program Files (x86)\MetaTrader 4 FinFX's Data Folder C:\Program Files (x86)\MetaTrader - RoboForex's Data Folder C:\Program Files (x86)\MetaTrader - RoboForex's Data Folder C:\Program Files (x86)\MetaTrader - AxiTrader's Data Folder 	=older s Data ler <u>- uo's D</u>	Data Y	k K
- Expert4x		Car	ncel

The setup application lists the available MT4 instances. Select one of them for installation target and click on the **Next**.

Note:

For some earlier version Windows version the list may not contain all the MT4 instances. In this case use the **Add target directory...** button to navigate and pick up the desired folder.

🔂 Setup - 🔤	Resume For Folder	
Select Tai For whic	Select a MT4 target folder in the list below, then dick OK	
Setup w	V MetaTrader	nstance.
0 c:\ 0 c:\ 0 c:\	> config > history > MQL4	er
0 c:\ 0 c:\ 0 c:\	> profiles	
0 c:\ 0 c:\	 templates MetaTrader - AxiTrader MetaTrader - RoboForex MetaTrader 4 FinFX 	
- Expert4x	MetaTrader 4 IC. Markets	ctory

C:\Program Files\BrokerSpecificName\

but you may have selected something else while performing the MetaTrader installation. As a hint, the following shows you the default path to the main MT4 directory for some brokers:

Broker	Default Path
Blueberry Markets broker	C:\Program Files (x86)\Blueberry Markets MetaTrader 4 Terminal
Dukascopy broker	C:\Program Files (x86)\Dukascopy MetaTrader 4
IG broker	C:\Program Files (x86)\IG MetaTrader 4 Terminal
OANDA broker	C:\Program Files (x86)\OANDA - MetaTrader
Pepperstone broker	C:\Program Files (x86)\Pepperstone MetaTrader 4

Always select the main MT4 folder itself for installation target, not any of its sub-directories.

Setup - theTradeableRSI MT4 EA			-	-		2
Select Start Menu Folder						
Where should Setup place the program		Ċ				
Setup will create the program	s shortcuts in t	he <mark>fol</mark> lov	ving Start	Menu	folder.	
To continue, click Next. If you would lik	e to select a di	fferent f	older, clid	k Brov	vse.	
Expert4x\theTradeableRSI			Br		owse	
pert4x						
				_	-	
	< Bac	sk 🛛	Next >		Can	cel

When the installation is complete, start up MT4 and check that the EA appears in the **Navigator** window (**View** > **Navigator**):



So everything is set up for the first activation of the theTradeableRSI Expert Advisor .

5.4 How to Upgrade the EA

Question

How to upgrade the theTradeableRSI EA?

Answer

In order to upgrade the EA please follow these steps:

1. Download the latest the TradeableRSI EA from the Web Support Centre. For detailed steps refer to the How to Download the Setup Application.

- **2.** Exit the MT4 terminal if it was running.
- **3.** Execute the downloaded the TradeableRSI EA setup application. Follow through all of the wizard pages to complete the EA installation.
- 4. Start up the MT4 terminal.

The upgraded the Tradeable RSI EA will pick up and carry on managing any existing trades created by the previous EA version.

Related tasks

Step-by-step Installation of Expert4x EAs and Indicators How to download an EA setup in VPS environment **Related information** How to Download the Setup Application

5.5 How to Attach the theTradeableRSI Expert Advisor to a Chart

Step by step guide to get the EA up and running on a chart for the first time.

The following pictures demonstrate the first time activation of the theTradeableRSI Expert Advisor in a few steps.

Attach the EA to a chart

1. Drag & drop the theTradeableRSI Expert Advisor from the **Navigator** window (**View** > **Navigator**) to a chart window and select the **Common** tab:



Note:

Ensure that the

- Allow live trading,
- Allow DLL import and
- Allow import of external experts

are ticked.

2. Select the Inputs tab:

A 100 12000 Finit	L D D						
Hie View	暗 File View Insert Charts Tools Window Help - デ×						
🖳 • 🔁 • 🛛 🗞	- 🕂 🔂	📔 🕅 🙀 New Order 💊 🚨 🍙 🤫 AutoTrading 📗 🖳 🖄 😓 🧐 🖓 - 🔤	🕲 र 🖂 र 🔎				
► - - I	- / #	💻 A 🛅 🍫 🖌 M1 M5 M15 M30 H1 H4 D1 W1 MN					
Market Watch: 13:00	Market Watch: 13:08:40 × EURUSD.H1 1.18258 1.18226 1.18218 1.18227 the TradeableRST (?)						
Symbol	Bid	Ask ^	- 1.19205				
USDCHF	0.91442	0.91458	1,19065				
GBPUSD	1.31728	1.31744					
EURUSD	1.18227	Expert - the TradeableRSI ? ×	1.18930				
USDJPY	105.000						
USDCAD	1.31234	About Common Inputs Dependencies	1.18790				
AUDUSD	0.72540		1.18650				
EURGBP	0.89742	Value Value					
Symbols Tick	Chart	T + D (T A + 10 OT)	- 1.18510				
Navigator		Target Profit Amount [U:Um]					
🗟 BBM MT4			1.18375				
🗄 🚳 Accounts		ab ==== Indicator And Trading Logic Setti =================================	1.18227				
Indicators		abBUY Leg Settings					
📄 🤫 Expert Ad	visors	Buy: RSI Ind. Penod [>=2] 14 Load	- 1.18100				
	D Sample	Buy: RSI Entry Method [dropdown] Upward Crossover: Below to Above					
Movir	ng Average	Buy: RSI Entry Level [0-100] 30.0	- 1.1/960				
Scripts	deabler.SI	OK Cancel Reset	1.17825				
			- 1.17685				
			1 17550				
	ionices	6 Nov 2020 9 Nov 02:00 9 Nov 18:00 10 Nov 10:00 11 Nov 02:00 11 Nov 18:00 12 Nov 10:00 13 Nov 02:00					
For Help, press F1	or Help, press F1 Default III 195/0 kb						

This lists the parameters of the EA where the operational aspect of the theTradeableRSI EA can be set up. For more details see the theTradeableRSI EA Configuration Guide – for now click on the **OK** button and let the EA start up with default settings.

Note:

At the very first time the EA may prompt for the Access ID to verify that the usage of product is licensed.

The Access ID is pre-configured and is the same as the login name to the web support site. Feel free to change your Access ID at the Web Support Centre and ensure not to share it with anyone else. Enter the Access ID and click on the **Save** button:

Service Access Setup						
Unknown Access ID. Please enter valid Access ID.						
Product:						
Provider:						
Access ID:	unregistered					
	Save Cancel					
	Dialog closes in 2 min 2 seconds					

The theTradeableRSI EA is up and running

After successful authentication the theTradeableRSI EA starts up.



The theTradeableRSI Expert Advisor has been attached to the chart. The smiley face in the top-right corner shows that the initialisation of the theTradeableRSI Expert Advisor was successful and the EA is now looking for trading opportunities.

See the smiley face in the corner:



In case of a problem getting the EA up and running please refer to the Knowledgebase section.

5.6 How to Load Setfile from the Settings Analysis Site

In this topic we guide you through how to download the EA settings from the Settings Analysis page, and load those settings into the EA in the MT4 application.

- 1. First, download the set file: Go to the Settings Analysis page.
- 2. Click on the analysis type, FOREX or INDEX markets, for which you want to get the set file. For instance, click on the **Comprehensive analysis: Details** link on the Settings Analysis page.

Leverage 🔺	Timeframe \$	Symbol \$	Spread 🖨	\mathbf{X}	Set File	Pass	Model \$
100	H1	AUDJPY	3.0	MT4 C	Open link in	מספ new tab	Control & Tick
100	H1	AUDUSD	3.0	MT4 🤂	4 C Open link in new window		,
100	H1	EURAUD	4.0	MT4 🤂	Open link in incognito window		
100	H1	EURJPY	3.0	MT4 🤂	Copy link as	ddress	<u> </u>
100	H1	EURUSD	3.0	MT4 🤂	Inspect		Ctrl+Shift+I

4. Click on **Downloads** in the Quick access list then click on the **Save** button:

Save As	×
\leftarrow \rightarrow \checkmark \uparrow \blacklozenge > This PC > Downloads	✓ Č Search Downloads
Organise 🔻 New folder	
✓ ≱ Quick access ∧ Name	Date modified Type
Desktop	No items match your search.
🕂 Downloads 🗲	
🚆 Documents 🖈	
Fictures 🖈 🗸 K	>
File name: theTradeableRSI MT4	
Save as type: SET File (*.set)	~
∧ Hide Folders	Save Cancel

- 5. Now load the set file into your EA on an MT4 chart: Attach the EA to a new or existing chart.
- **6.** Click on the **Load** button:

Expert - theTradeableRSI			? ×
About Common Inputs Dependencies			
Variable	Value	^	
ab ==== Combined Target Settings			
🔢 Target Profit Amount [0:Off]	0		
🔢 Target Profit Pips [0:Off]	0		,
ab ==== Indicator And Trading Logic Setti			
ស BUY Leg Settings			
🔢 Buy: RSI Ind. Period [>=2]	14		load
Buy: RSI Entry Method [dropdown]	Upward Crossover: Below to Above		2000
随 Buy: RSI Entry Level [0-100]	30.0	\checkmark	Save
	OK	Car	ncel Reset

7. Click on the **Downloads** in the Quick access list then double-click on the set file:

of Open	×
\leftrightarrow \rightarrow \checkmark \uparrow \bullet This PC \diamond Downloads \checkmark \circlearrowright	
Organise 🔻 New folder	III 🔻 🔟 ?
 ✓ ★ Quick access Name Desktop ★ Today (1) 	Date modified Type
Downloads theTradeableRSI MT4	18/11/2020 15:46 SET
■ Documents * ■ Pictures * <	>
File name: *.set ~	Expert Set (*.set) \lor
	Open Cancel

8. This loads the settings from the set file into the EA parameters. Click on the OK button:

Expert - theTradeableRSI			?	×
About Common INPUts Dependencies				
Variable	Value			
ab ==== Combined Target Settings				
Target Profit Amount [0:Off]	0			
Target Profit Pips [0:Off]	0			
ab] ==== Indicator And Trading Logic Setti				
ab] BUY Leg Settings				
Buy: RSI Ind. Period [>=2]	21		loa	d
Buy: RSI Entry Method [dropdown]	Upward Crossover: Below to Above		200	
Buy: RSI Entry Level [0-100]	45.0	~	Sav	e
	> ок	Can	icel	Reset

5.7 MetaViewer dll could not be found

Issue

After the EA setup application finished the following error message was popped up:

There was a problem starting C:\Windows\system32\MetaViewer.dll The specified module could not be found.

There was a problem starting C:\Windows\system32\MetaViewer64.dll The specified module could not be found.



Solution

From the EA installation perspective you can ignore this message.

The installer was at the very last step to start up the Users Manual PDF viewer. This is a request to the Windows operating system to start the registered PDF reader application and looks like Windows could not start up the PDF reader for some reason. This is probably a Windows or an MT4 settings problem.

Please double check that the EA appears in the MT4 terminal Navigator window (press Ctrl+N), it should be listed at the section **Expert Advisors**.

5.8 theTradeableRSI Expert Advisor First Time Activation

Step by step guide to get the EA up and running on a chart for the first time.

The following pictures demonstrate the first time activation of the theTradeableRSI Expert Advisor in a few steps.

Attach the EA to a chart

1. Drag & drop the theTradeableRSI Expert Advisor from the **Navigator** window (**View** > **Navigator**) to a chart window and select the **Common** tab:

1 9892163: Blueberry	Markets-Demo - Demo A	ccount - [EUR	USD,H1]						- 🗆	\times
🔂 File View Inser	t Charts Tools Wi	ndow Help								_ 8 ×
📭 - 📄 - 💽 🚸	🕂 🙀 🔲 🕅 🙀	lew Order 🛛 🍐	• 🕭 🕥 😚 A	utoTrading	r 🕰	् 🔢		E -	🕒 - 🖂 -	₽ ₽
▶ - - —	/ ∰ = = A ÌT	🍫 🕶 🛛 M1	M5 M15 M30 H	1 H4 D1 W1 MN						
Market Watch: 17:18:05	×	▼ EURUSD,H1	1.06919 1.07397 1.0690	0 1.07390				~	theTradeableRSI (Э
Symbol	Bid Ask ^									1.12360
USDCHF (Expert - theTradeableRSI	I				?	×			1,11900
	About Common Inputs	e Dependenci								1.11500
EURUSD	About Common Input	s Dependenci	65							1.11440
USDJPY	Common			Safety						
	Long & Short 🛛 🗸 p	ositions		Allow DLL imports						- 1.10980
AUDUSD (Enable alerte			Allow import of exter	nal experts					1.10530
♠ EURGBP		- 1-3		Allow modification of	Signals settings	3				
Symbols Tick Char		e nit								- 1.10070
Navigator	Live Trading									1.09610
BBM MT4	Allow live trading									
Accounts										- 1.09150
Indicators										1 00000
Expert Advisors				OK	Canaal					1.00050
Moving Av				UK	Cancel		eset			- 1.08240
theTradeab	leRSI				4	UHH	н			
🗄 🐺 Scripts							rth'			- 1.0//80
						-11		hl r		1.07390
						h.	ייון	1		
							1	ſ		- 1.06860
							ни.			1.06400
Common Favorites	; i	13 Mar 2020 16	Mar 06:00 16 Mar 22:	00 17 Mar 14:00 18 Mar 06	:00 18 Mar 22:0	0 19 Mar 1	4:00 20 Ma	r 06:00		
For Help, press F1	Default	t							26730/1 kb	• //

Note:

Ensure that the

- Allow live trading,
- Allow DLL import and
- Allow import of external experts

are ticked.

2. Select the **Inputs** tab:

A 100 12000 Finit			
19943808: Elgr	itcap-Demo - L	Demo Account - [EUKUSD,HT]	~
Hie View	Insert Chart	ts Tools Window Help	- 8 ×
🖳 • 🔁 • 🛛 🗞	- 🕂 🔂	📔 🕅 🙀 New Order 💊 🚨 🍙 🤫 AutoTrading 📗 🖳 🖄 😓 🧐 🖓 - 🔤	🕲 र 🖂 र 🔎
► - - I	- / #	💻 A 🛅 🍫 🖌 M1 M5 M15 M30 H1 H4 D1 W1 MN	
Market Watch: 13:00	8:40	× ▼ EURUSD,H1 1.18258 1.18286 1.18218 1.18227	theTradeableRSI (3)
Symbol	Bid	Ask ^	- 1.19205
USDCHF	0.91442	0.91458	1,19065
GBPUSD	1.31728	1.31744	
EURUSD	1.18227	Expert - the TradeableRSI ? ×	1.18930
USDJPY	105.000		
USDCAD	1.31234	About Common Inputs Dependencies	1.18790
AUDUSD	0.72540		1.18650
EURGBP	0.89742	Value Value	
Symbols Tick	Chart	T + D (T A + 10 OT)	- 1.18510
Navigator		Target Profit Amount [U:Um]	
🗟 BBM MT4			1.18375
🗄 🚳 Accounts		ab ==== Indicator And Trading Logic Setti =================================	1.18227
Indicators		abBUY Leg Settings	
📄 🤫 Expert Ad	visors	Buy: RSI Ind. Penod [>=2] 14 Load	- 1.18100
	D Sample	Buy: RSI Entry Method [dropdown] Upward Crossover: Below to Above	
Movir	ng Average	Buy: RSI Entry Level [0-100] 30.0	- 1.1/960
Scripts	deabler.SI	OK Cancel Reset	1.17825
1			
			- 1.17685
			1 17550
Common Eau	vorites		1.17410
	ionices	6 Nov 2020 9 Nov 02:00 9 Nov 18:00 10 Nov 10:00 11 Nov 02:00 11 Nov 18:00 12 Nov 10:00 13 Nov 02:00	
For Help, press F1		Default	195/0 kb

This lists the parameters of the EA where the operational aspect of the theTradeableRSI EA can be set up. For more details see the theTradeableRSI EA Configuration Guide – for now click on the **OK** button and let the EA start up with default settings.

Note:

At the very first time the EA may prompt for the Access ID to verify that the usage of product is licensed.

The Access ID is pre-configured and is the same as the login name to the web support site. Feel free to change your Access ID at the Web Support Centre and ensure not to share it with anyone else. Enter the Access ID and click on the **Save** button:

Service Acc	ess Setup
Â	Unknown Access ID. Please enter valid Access ID.
Product:	
Provider:	
Access ID:	unregistered
	Save Cancel
	Dialog closes in 2 min 2 seconds

The theTradeableRSI EA is up and running

After successful authentication the theTradeableRSI EA starts up.



The theTradeableRSI Expert Advisor has been attached to the chart. The smiley face in the top-right corner shows that the initialisation of the theTradeableRSI Expert Advisor was successful and the EA is now looking for trading opportunities.

See the smiley face in the corner:



In case of a problem getting the EA up and running please refer to the Knowledgebase section.

5.9 Sad Face Instead of Smiley Face After Attach

Issue

After attaching to chart the EA is not managing trades, a sad face appears in the top right corner of the chart.



EA's common parameters might be not enabled

The Allow live trading, Allow DLL imports and Allow import of external experts might be not enabled

• Press F7 key and verify that the Allow live trading, Allow DLL imports and Allow import of external experts are checked in the EA property dialog.

Expert -		?	×
About Common Inputs Dependencies			
Common Long & Short v positions Enable alerts Disable alert once hit Live Trading Allow live trading	Safety ✓ Allow DLL imports ✓ Allow import of external experts Allow modification of Signals settings		
	OK Cancel	Res	et

Autotrading is disabled

The AutoTrading might be disabled

• Verify that the toolbar button **AutoTrading** is pressed.

Toolbar button when Expert Advisors disabled:

irts	Tools	Wi	ndow	Help)									
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F	A	T	\$	M1	M5	M15	M30	H1	H4	D1	W1	MN		
Click	to oneh													
CIICK	to enau	ne.												
irts	Tools	Wi	ndow	Help)									
	0	📑 N	ew Or	der 🤞		👌 Aut	oTrad	ing	11	ţ Q	ħ	e,	Q	14
F	Α	T	\$	M1	M5	M15	M30	H1	H4	D1	W1	MN		

5.10 What is the Leverage of My Account

Question

What is the leverage of my MT4 broker account?

I am logged in to my demo or live MT4 account and want to know the leverage available on the account.

Answer

The theTradeableRSI EA displays the MT4 account leverage on its dashboard, at the section Account Level Info.

See the reported leverage value at the end of the first line:



In the above picture the leverage is reported as 400, which represents 400:1 account leverage.

5.11 How to Figure Out My Broker's GMT Offset?

The MT4 platform presents its chart using the time of its broker server. The various brokers configure their server time according to their own choice, many of them are in one of the European timezone ranging from GMT+0 to GMT+3, but some brokers opt to have their server in the US Estern timezone, which is GMT-5. These GMT offsets may get further adjusted for the daylight savings from March till October of every year.

The theTradeableRSI EA uses the time for trading decisions therefore its time input parameters need to be adjusted by the GMT offset of the broker's server. This article describes how to figure out the GMT offset specific to the MT4 broker account.

1. The Market Watch window's header shows the broker's server time, press Ctrl+M in the MT4 terminal:



This time can be compared to the GMT+0 time to calculate the GMT offset of the broker, as per the next step.

- 2. In a web browser search for gmt time keywords to see the current GMT time.
- 3. Calculate now the broker GMT offset = 'Market Wacth time' 'GMT time'.

For an example, assuming the following:

- Market Watch time: 18:29
- GMT time as per the search result: 15:29

Then the calculated GMT offset is 18:29 - 15:29 = 3:00 hours. In practice - in the limited context of the forex broker servers - it is sufficient to calculate the difference between the hour parts: 18 - 15 = 3 hours.

Note: For broker servers located in Europe the GMT offset is likely to be in the range of 0 and 3, i.e. a zero or positive number. For broker servers located in the US the GMT offset might be in the range of -5 and -6, i.e. a negative number. Keep in mind that these figures may get further adjusted by the daylight savings.

Based on past experience, with no guarantee that the information is correct, these are a few sample broker GMT offsets observed as of July 2015:

MT4 Terminal	Broker	GMT Offset
AxiTrader	AxiCorp Financial Services Pty Ltd	+3
IC Markets	International Capital Markets Pty Ltd	+3
InstaForex	InstaForex Companies Group	+3
FXCM	Forex Capital Markets Inc	+3

MT4 Terminal	Broker	GMT Offset
ThinkForex	TF Global Markets (Aust) Pty Ltd	+3
RoboForex EU	RoboForex (CY) Ltd	+3
Tallinex	Tallinex Ltd	0
Oanda	OANDA Corporation	-4
MB Trading FX	MB Trading Futures Inc	-4

5.12 EA Is Not Starting Up After Attach to Chart

Issue

The EA reports successful initialisation and advises about disabled Expert Advisors.

q	🗟 EUI	RUSD,H1		
	- EUR	USD,H1 1.06919 1.07491 1.06900 1.07332	8	1.12530
			🔁 🕜 ^ 🗙	1,12170
	Hı	EA Account Market Execution + - Fade Shine		1 11010

Autotrading is disabled

The AutoTrading might be disabled

• Verify that the toolbar button AutoTrading is pressed.

Toolbar button when Expert Advisors disabled:

irts	Tools	Window	N	Help										
	0	📑 New (Order	4	🤏 A	utoTra	ding	11	ţ.	ħ	e,	Q	Ì₽,	14
F	A	1 🍫	•	M1	M5 M1	5 M30	H1	H4	D1	W1	MN			
Click	to enab	ole:				· · ·								
urts	Tools	Windo	N	Help										
	RA	BL New (Drder	· 🔊	A	utoTra	dina	1	t Q	ħ	Ð	Θ	1	1
	<u> </u>	100 A	1	~				-	+++	+++	····	-0		+÷ 1
F	: A		•	M1	M5 M1	.5 M30	H1	H4	D1	W1	MN			

5.13 No Updates to Chart

Issue

The theTradeableRSI EA does not update information on the chart for several minutes.

Connection Lost

MetaTrader should be connected to the broker's server.

1. Check the bottom right corner of MetaTrader, this is when it has lost connection to the server:

No connection	

2. If connection is lost then login again or restart MT to force reconnection. Try again activating the theTradeableRSI EA when connection is back.

Demo account is expired

MT4 will not be able to connect to the demo account if it's expired. In this case MT4 will keep asking for the login details and fail all login attempt.

• When this happens open a new demo account (right click **Accounts** in Navigator window and select **Open an Account**).



Market is closed

New tick information and updates to chart happens when markets are open.

• Double check that markets are meant to be open currently.

Disk is full

There should be at least 50MB free disk space available on the drive MetaTrader is installed on.

• If the free disk space is low then free up space.

5.14 Prompted for Access ID at Service Access Settings

Issue

After attaching to chart the theTradeableRSI EA asks for my Access ID in the Service Access Settings window.

Type in your Access ID

The theTradeableRSI EA checks that the usage of product is appropriately licensed. After product purchase a user profile is created on our web support site and the product can be downloaded from that web site. The support site allows to set up an Access ID which is required by the theTradeableRSI EA to validate the product licence. By default this Access ID is configured to be the same as your selected login name to the web support site.

• When prompted, please enter your Access ID to the window and click Save:

Service Acc	ess Setup
	Unknown Access ID. Please enter valid Access ID.
Product:	
Provider:	
Access ID:	unregistered
	Save Cancel
	Dialog closes in 2 min 2 seconds

Please do not share out to others your Access ID. That is against the licence agreement terms and conditions and also all 3rd party usages will count when checking the number of EA copies being used. Sharing out your Access ID can result in licence check failure and the EA may stop functioning.

Keep your Access ID secure, change it away from the its default value at any time on the Web Support Centre site.

5.15 How to Edit the EA Input Values

Question

How can I edit or change the settings of the theTradeableRSI EA once it is attached to a chart?

Answer

In order to edit the input parameters of an EA which is already attached to a chart follow these steps

- 1. Select/click the chart which hosts the theTradeableRSI EA in your MT4 application.
- 2. Press F7 on your keyboard, or alternatively click on the **smiley** (or **sad**) icon in the top-right corner of the chart.
- 3. Edit the theTradeableRSI EA input values in the appearing EA properties window
- 4. Click OK when editing is complete

5.16 Not Enough Memory For Bar History Or Indicator

Issue

Some of the market bar history data or an indicator fails to load because the MT4 runs out of memory. An error message similar to the below is reported:

```
Error Messages
ERROR 85130:RSI indicator failed to load or fit in memory.
At Broker Time:2018.03.02 21:59:50 Local Time:2018.03.04 11:58:50 Count:1
MT4:4075 not enough memory for indicator
Bid:1.904380 Spread:27.9 StopLevel:0.1 Tradeable:Yes
```

Solution

The bar history data takes up too much memory when loaded into RAM and the charts. The MT4 application needs to be configured to keep less number of bars on the charts.

1. In the MT4 application menu select \underline{T} ools > \underline{O} ptions then select the Charts tab.

tions						? ×
Events			Community		Signals	
Server Charts	Objects	Trade	Expert Advisors	Notifications	Email	FTP
	Show to Us Show C Show a Show p	rade levels ie 'Alt' key to OHLC isk line ieriod separa	drag trade levels tors			
Max bars in history	Save d		s to reopen Max bars in	chart: 65000	~	
				OK Ca	incel	Help

2. Enter 512000 into the Max bars in history, and 65000 into the edit box Max bars in chart:

3. Attach the EA to the chart now. If the issue is still there then go back to the previous step and enter half of the previous values. Keep repeating these two steps - halving the values every time - until the EA attaches successfully.

5.17 No Trades Due to Trade Disabled

Issue

The theTradeableRSI EA got attached to a chart, the EA is up and running. It keeps submitting market orders to the broker server. However, the broker's server does not execute these market orders, instead, the broker says the trade on this broker account is disabled:



The broker server reports the MT4 error code 133, which means that the **trade is disabled** on the account. This is not an EA issue, instead, this is an issue with the broker account. For some reason the broker account does not allow you to trade that market.

Solution

- 1. Restart the MT4 terminal to see if the restart and reconnect to the broker resolves this: In the MT4 menu select File > Exit, wait 5 seconds then start the MT4 up again.
- 2. Identify another symbol for the same market which is enabled for trading: In the MT4 menu select View > Symbols and search for symbol with different/extra suffix in the name, like EURUSDecn. Add that symbol to the Market Watch window then attach the EA to this new symbol.
- **3.** Logging into your MT4 broker account with the **investor login** credentials disables trading. Ensure that you log in to your broker account with the **full trader login** credentials.
- 4. Create another demo account with the broker.
- 5. Contact your broker and ask their support team to enable trading on the symbol or account
 - 1. Your broker account may have reached some trade limits (e.g. overall maximum lots).
 - 2. Your broker may have put (temporarily) trading limitations on your account for some reason.
 - 3. Your broker may have to enable trading by EAs.

5.18 How to Load Setfile from the Settings Analysis Site for Backtesting

In this topic we guide you through how to download the EA settings from the Settings Analysis page, and load those settings into the EA in the Strategy Tester of the MT4 application for backtesting.

- 1. First, download the set file: Go to the Settings Analysis page.
- 2. Click on the analysis type, FOREX or INDEX markets, for which you want to get the set file. For instance, click on the **Comprehensive analysis: Details** link on the **Settings** Analysis page.
- 3. Right-click on the MT4 ④ sign and select Save link as...

Leverage 🔺	Timeframe \$	Symbol	Spread 🖨	\mathbf{X}	Set File	Pass	Model
100	H1	AUDJPY	3.0	MT4 @	Open link in	9792 new tab	Control & Tick
100	H1	AUDUSD	3.0	MT4 🤂	Open link ir	new window	,
100	H1	EURAUD	4.0	MT4 🤂	Open link in	incognito wi	ndow
100	H1	EURJPY	3.0	MT4 🤂	Save link as Copy link ac	dress	<u> </u>
100	H1	EURUSD	3.0	MT4 🤂	Inspect		Ctrl+Shift+I

4. Click on Downloads in the Quick access list then click on the Save button:

Save As		×
← → • ↑ 🦊	> This PC > Downloads	✓ O Search Downloads
Organise 🔻 🛛 Ne	ew folder	1== 🗸 😮
🗸 🖈 Quick access	▲ Name	Date modified Type
📃 Desktop	*	No items match your search.
👆 Downloads	*	
🔮 Documents	*	
Pictures	* v <	>
File name:	theTradeableRSI MT4	
Courses have		
Save as type:	SET FILE (",SET)	~
∧ Hide Folders		Save Cancel

5. Now load the set file into your EA in the MT4 Strategy Tester: Go to the MT4 Strategy Tester and click on the **Expert properties** button:

	~	Expert properties
Period: H1		Symbol properties
Spread: Curre	nt 🗸	Open chart
	Optimization 🗌	Modify expert
		Start

6. Click on the Load button:

Variable Value Start Step Stop / Image: Image Combined Target Sett ===== ===== ===== ==== ==== ==== ==== ==== === ==== === === === === === === === === == === = =	esting Inputs Optimization				I	
Image: Combined Target Sett ===== Image: Target Profit Amount [0:Off] 0 0 0 Image: Target Profit Pips [0:Off] 0 0 0 0 Image: Target Profit Pips [0:Off] 0 0 0 0 0 Image: Target Profit Pips [0:Off] 0 0 0 0 0 0 Image: Target Profit Pips [0:Off] 0 0 0 0 0 0 Image: Target Profit Pips [0:Off] 0 0 0 0 0 0 Image: Target Profit Pips [0:Off] 0 0 0 0 0 0 Image: Target Profit Pips [0:Off] 0 0 0 0 0 0 Image: Target Profit Pips [0:Off] 0 0 0 0 0 0 Image: Target Profit Pips [0:Off] 14 14 0 0 0 0	Variable	Value	Start	Step	Stop	1
Target Profit Amount [0:Off] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Indicator And Trading ==== === Buy: RSI Ind. Period [>=2] 14 14 16	==== Combined Target Sett					
□ Target Profit Pips [0:Off] 0 0 0 0 □ ==== Indicator And Trading ====================================	Target Profit Amount [0:Off]	0	0	0	0	
Image: Setting and	Target Profit Pips [0:Off]	0	0	0	0	
□ BUY Leg Settings □ Buy: RSI Ind. Period [>=2] 14 14 0 0 □ D D T 1000 T 1000	🔲 ==== Indicator And Trading					
□ Buy: RSI Ind. Period [>=2] 14 14 0 0	🔲 BUY Leg Settings					
	Buy: RSI Ind. Period [>=2]	14	14	0	0	
		11 10	T 100		T 100	
			OF	(Cano	al Rese	ŧ

7. Click on the **Downloads** in the Quick access list then double-click on the set file:

of Open	×
\leftarrow \rightarrow \checkmark \Uparrow \clubsuit \Rightarrow This PC \Rightarrow Downloads	✓ Č Search Downloads
Organise 🔻 New folder	III 🗸 🔟 😮
 ✓	Date modified Type
Downloads the TradeableRSI MT4	18/11/2020 15:46 SET I
■ Documents ★ ■ Pictures ★ <	>
File name: *.set	✓ Expert Set (*.set) ✓
	Open Cancel

8. This loads the settings from the set file into the EA parameters. Click on the OK button:

theTradeableRSI				?	\times
Testing Inputs Optimization					
Variable	Value	Start	Step	Stop	^
🔲 ==== Combined Target Sett					
Target Profit Amount [0:Off]	0	0	0	0	
Target Profit Pips [0:Off]	0	0	0	0	
🔲 ==== Indicator And Trading					
F BUY Leg Settings					
Buy: RSI Ind. Period [>=2]	21	3	1	28	
	11 10	T 100		T 100	*
			Load	Save	
	-	• Oł	(Cano	el Rese	t

9. Run the backtest: Click on the Start button of the Strategy Tester:

		~	Expert properties
:	H1	~	Symbol properties
:	Current	~	Open chart
		Optimization	Modify expert
		~	
			Start

Issue

In the **Strategy Tester** using the visual mode **DLL imports not allowed** message appears on the chart. No result after the **Strategy Tester** finished its run.

🗟 EURUSD,H1 (visual)	, • 💌
EURUSD,H1 1.10160 1.10160 1.10160 1.10160	
	1.10860
on EURUSD H1 w/magic 20140328 Status: HALTED Access: 0-0-0-0@pending Licensed until: pending	- 1.10710
Error Messages	- 1.10565
	1.10415
լորուսելիլ, հետություն հետություն հետություն հետություն հետություն հետություն հետություն հետություն հետություն Արտուսելիլ, հետություն հետություն հետություն հետություն հետություն հետություն հետություն հետություն հետություն հ	- 1.10270
H	1,10160 - 1,10120

Global Allow DLL imports is not enabled

You may need to enable the DLL imports in the MT4 for terminal global parameters to run the theTradeableRSI EA in the backtest environment.

- **1.** Open the MT4 global Options by selecting **Tools** > **Option** (*CTRL*+*O*)
- 2. Select the Expert Advisors tab
- 3. Check the Allow DLL import

Options							?		×
	Events			Community		Signals			
Server	Charts	Objects	Trade	Expert Advisors	Notifications	s Email		FTP	
	v automated Disable autom Disable autom Disable autom V DLL imports	trading nated trading w nated trading w nated trading w s (potentially o	when the acc when the prof when the cha dangerous, er	count has been change ile has been changed rts symbol or period ha nable only for trusted a	ed Is been change pplications)	d			
	add new UR	L like 'https:/	//www.mql5.c	om'	ОК	Cancel		Help	

4. Restart the MT4: exit the MT4 application, wait 5 seconds then start it up again.

5.20 Backtest Not Working

Issue

After the backtest finished no result showing.

×	#	Time	Туре	Order
ester	Settings Results	Graph Report	Journal	
×				
-	Bars in test		1077	
			10/1	TICKS N
	Mismatched charts erro	ors	0	TICKS IN
	Mismatched charts erro	ors	0 10000.00	TICKS M
	Mismatched charts erro Initial deposit Total net profit	Drs	0 10000.00 0.00	Gross p
	Mismatched charts erro Initial deposit Total net profit Profit factor	Drs	0 10000.00 0.00	Gross p Expecte
	Mismatched charts erro Initial deposit Total net profit Profit factor Absolute drawdown	Drs	0 10000.00 0.00 0.00	Gross p Expecte Maxim
	Mismatched charts erro Initial deposit Total net profit Profit factor Absolute drawdown Total trades	Drs	0 10000.00 0.00 0.00 0.00 0.00 0.00	Gross p Expecte Maxim Short p
	Mismatched charts erro Initial deposit Total net profit Profit factor Absolute drawdown Total trades	Drs	0 10000.00 0.00 0.00 0.00 0.00	Gross p Expecte Maxim Short p Profit t
	Mismatched charts erro Initial deposit Total net profit Profit factor Absolute drawdown Total trades	Drs	0 10000.00 0.00 0.00 0 Largest	Gross p Expecte Maxim Short p Profit t
er	Mismatched charts erro Initial deposit Total net profit Profit factor Absolute drawdown Total trades	Drs	0 10000.00 0.00 0.00 0 Largest Average	Gross p Expecte Maxim Short p Profit t profit t

Global Allow DLL imports is not enabled

You may need to enable the DLL imports in the MT4 for terminal global parameters to run the theTradeableRSI EA in the backtest environment.

- 1. Open the MT4 global Options by selecting **Tools** > **Option** (*CTRL*+*O*)
- 2. Select the Expert Advisors tab
- 3. Check the Allow DLL import

Options								?	×
	Events			Community Signal			Signals		
Server	Server Charts Objects			Expert Advisors	Notifica	Notifications Email			2
 Allow automated trading Disable automated trading when the account has been changed Disable automated trading when the profile has been changed Disable automated trading when the charts symbol or period has been changed 									
🖂 Allo	w DLL imports	(potentially d	langerous, en	able only for trusted ap	oplications	;)			
Allo	w WebReque	st for listed U	RL:						
0	add new UR	Llike 'https://	/www.mql5.c	om'					
					ОК	Cano	cel	Help	>

4. Restart the MT4: exit the MT4 application, wait 5 seconds then start it up again.

5.21 Connection Down Message

Issue

The theTradeableRSI EA got attached to a chart and the EA is up and running. The EA monitors the connection between the MT4 terminal and the broker server. When the MT4 loses connection to the broker server then the EA presents this Connection Down message in its dashboard - see the orange message as an example:



In the above screenshot the last connection issue happened at 14:19 broker server time (chart time).

This means that somewhere along the Internet connection path from your computer to the broker server, including your home networks, the Internet and your brokers remote networks, there was some temporary issue resulting in data transfer interruption.

During this time the theTradeableRSI EA cannot receive price feed from the broker, i.e. no ticks are coming in. This also means that, due to the lack of price feed and ticks, the EA is not activated and cannot perform trading or managing open trades. When the MT4 re-establishes the connection to the broker server and price feed comes in again then the EA automatically resumes its trading operations.

Solution

In order to minimize the downtime, please ensure the following:

- **1.** Your computer is connected to your home networks over a wire, i.e. cabled to your modem or router. Note that wireless connectivity is more prone to connection issues.
- **2.** Use a cable based Internet service provider, if feasible. Wireless based Internet service providers, like mobile or cellular based Internet providers could have more connectivity issues.
- **3.** Turn off the sleep or hibernation mode on your computer. When your computer goes into sleep or hibernation the Internet connection would be lost.
- **4.** If in doubt, restart your home networks: shutdown your computer, turn off your modem or router, wait 10 seconds then turn back on the modem/router then your computer.

Note that even the best Internet connection could see a handful of connection issues on a daily basis. When you see more than a handful, like into 100 or more a day then your attention is needed.

5.22 Suspended Message

Issue

The theTradeableRSI EA got attached to a chart and the EA is up and running. After a while the dashboard shows the suspended message:



The suspended message simply tells you that the actual market spread got higher than the configured Max Spread for Position Entry for a period of time.

Solution

Here is an example screenshot where the Max Spread for Position Entry is set to 5 pips:

Expert -			?	\times
About Common Inputs Dependencies				
Variable ab) ==== Common Settings ab) Trade Limits (**) Max Spread for Position Entry, Pips	Value 	^		
and solutions.		~	Load Save	
	ОК	Cano	cel Rese	t

The EA temporarily holds back trading activities while the market spread goes higher than the configured 5 pips, but will automatically resume the trading once the market spread drops back to or below the Max Spread value. This provides a protection against trading during high spread periods like over night or during news or announcements.

If you do not want trades to take place during high market spread periods then no change is needed. If you trade a market which has higher spread even during peak of the trading sessions then you may want to adjust the Max Spread settings accordingly higher.

For more information please refer to the Max Spread for Position Entry page

5.23 Computer Always-on

Question

How to ensure that Windows does not go into sleep or hibernation mode?

How to Turn off Sleep & Hibernation

Ensure that your computer is turned on throughout the FOREX market hours from Monday to Friday, and your computer is running the MT4 application and the EA is attached to a chart. Simply leave your computer and the MT4 up and running at all times. Please ensure that your Windows does not go into sleep or hibernation mode:

- 1. Go to Start > Windows Settings > Power & Sleep
- 2. Select Never in the dropdown:

← Settings		– 🗆 X
命 Home	Power & sleep	
Find a setting ρ	Screen	Save energy and battery life
System	When plugged in, turn off after 30 minutes	choosing shorter times for screen and sleep settings.
☐ Display		Related settings
회》 Sound	Sleep	Additional power settings
Notifications & actions	When plugged in, PC goes to sleep after	
	Never	Have a question?
🕐 Power & sleep 🔶 1	$\overline{2}$	Changing power mode
□ Storage		Get help
- Tablet mode		Give feedback
目 Multitasking		
5 Drojecting to this DC		

5.24 No Result in Optimization

Issue

After the optimization finished no result is showing in the Optimization Results tab in the Tester

×	Pass	Profit	Total trades	Profit factor	Expected Payoff	Drawdown \$	Drawdown %			Inputs
er										
Test	Settings	Optimization Results	Optimization G	raph Journal						
Fo	r Help, press	F1		Default					2/0 kb	

The following message was found in the Tester Journal tab **There were X passes done during optimization, X** results have been discarded as insignificant.

×	Time	Message	essage							^
٦ م	Ø 2018.09.09 19:18:07.541	There were 10 passes do	ne during optimizati	on, 10 results have I	been discar	ded as insig	gnificant			~
Test	Settings Optimization Re	esults Optimization Gra	ts Optimization Graph Journal							
Fo	r Help, press F1		Default						46/0 kb	

Solution

To resolve the "insignificant" issue before you start the optimization you may need to uncheck the **Skip Useless Results** in the **Optimization Result** tab.



- 1. Click the **Optimization Results** tab in the Tester.
- 2. Right click in the empty area for the menu above.
- 3. Uncheck the Skip Useless Result menu

		Profit	Total t	rades	Pro
		Set Input Para	meters]
	e.	Сору		Ctrl+C	
		Copy All		Alt+A	1
		Save as Repor	t		
		Skip Useless R	lesults		
	~	Show Input Pa	arameters		1
	-	Auto Arrange		Α	1
	~	Grid		G	
ings	Opt	imization Resu	Its Optim	ization G	iraph
	-				

4. Rerun the optimization.

5.25 No Trades During Backtesting

Issue

After the backtest finished no trades are showing.

×	#	Time	Туре	Order
Tester	Settings Results	Graph Report	Journal	
×	Bars in test		1077	Ticks n
×	Bars in test Mismatched charts e	rrors	1077 0	Ticks n
×	Bars in test Mismatched charts er Initial deposit	rrors	1077 0 10000.00	Ticks n
×	Bars in test Mismatched charts er Initial deposit Total net profit	rrors	1077 0 10000.00 0.00	Ticks n Gross p
×	Bars in test Mismatched charts er Initial deposit Total net profit Profit factor	rrors	1077 0 10000.00 0.00	Ticks n Gross p Expecte
×	Bars in test Mismatched charts ei Initial deposit Total net profit Profit factor Absolute drawdown	rrors	1077 0 10000.00 0.00	Ticks n Gross p Expecte Maxim
x	Bars in test Mismatched charts er Initial deposit Total net profit Profit factor Absolute drawdown Total trades	rrors	1077 0 10000.00 0.00 0.00 0	Ticks n Gross p Expecte Maxim Short p
x	Bars in test Mismatched charts er Initial deposit Total net profit Profit factor Absolute drawdown Total trades	rrors	1077 0 10000.00 0.00 0.00 0	Ticks n Gross p Expecte Maxim Short p Profit t
×	Bars in test Mismatched charts en Initial deposit Total net profit Profit factor Absolute drawdown Total trades	rrors	1077 0 10000.00 0.00 0 0 Largest	Ticks n Gross p Expecte Maxim Short p Profit t profit t
ter ×	Bars in test Mismatched charts en Initial deposit Total net profit Profit factor Absolute drawdown Total trades	rrors	1077 0 10000.00 0.00 0 0 Largest Average	Ticks n Gross p Expecte Maxim Short p Profit t profit t

If you see no trades during backtesting then usually it is down to either EA settings issue or MT4 bar history issue.

Run a Backtest in Visual Mode

In order to see any settings issue with the the TradeableRSI EA I would suggest to run a backtest in Visual mode. This would give a chance to see the EA dashboard and any error message in it.

Go to the MT4 Strategy Tester window and tick the Visual mode box:

×	Expert Advisor	
	Symbol: EURUSD), Euro vs US Dollar
	Model: Control po	pints (a very crude method
	Use date	From: 2020.04
	Visual mode	
ju ju		
Teste	Settings Journal	

Tip: In the event of no **Visual mode** box is visible then follow the steps in the Visual Mode Checkbox Missing in Strategy Tester topic.

Do not forget to clear the **Optimization** box if it was ticked before:

	~	Expert properties
H1	~	Symbol properties
Current	~	Open chart
	Optimization	Modify expert
		Start

Now run the backtesting in visual mode: click on the Start button. The Visual mode would make visible any potential EA messages in the backtesting chart, giving hints for next steps.

Watch out for any red messages in the chart area.

You may find these knowledge based topics useful to resolve them:

- Backtest In Visual Mode Not Working, and
- Backtest Not Working

Check the Bar History Quality

Once no errors are reported in the EA dashboard then you may turn off the visual mode and run the backtest. Ensure that you use the **Every tick** mode during the backtest (**Settings tab**):

×	Expert Advisor \sim	Expert Advisor V Moving Average.ex4 V								
	Symbol:	EURUSD, Euro vs US Dollar 🗸 🗸	Period:	H1 ~	Symbol properties					
	Model:	Every tick (the most precise method based on all available least timeframes $\ \ \lor$	Spread:	Current ~	Open chart					
	Use date	From: 1970.01.01	1970.01.01	Optimization	Modify expert					
	Visual mode	II Skip to	2020.05.01							
-					Start					
Teste	Settings Journal									

And double check that you get 90% modeling quality when you run the backtest (Results tab):

×	Bars in test	1410	Ticks modelled	1182085	Modelling quality	90.00%	^
	Mismatched charts errors	0					
	Initial deposit	10000.00			Spread	Current (13)	

If you get less than 90% then the bar history in your MT4 is not complete for the calendar period you test, and the test results are not valid.

>	 Bars in test 	1529	Ticks modelled	1387257	Modelling quality	36.82% ^
	Mismatched charts errors	0				
	Initial deposit	10000.00			Spread	Current (13)

In this case you could download bar history from MetaQuotes: select in the MT4 menu the **Tools** > **History Center** point, navigate in the symbols tree to the pair you test, double click on the 1 Minute (M1) node for that pair then click on the Download button:

History Center: EURUSD,M1							?	×
Symbols:		Database: 9014 records						
EURPLN	^	Time	Open	High	Low	Close	Volume	^
		0 2020.05.01 16:11	1.09766	1.09776	1.09766	1.09775	9	
EURUSD		2020.05.01 16:10	1.09772	1.09774	1.09756	1.09767	59	
5 Minutes (M5)		0 2020.05.01 16:09	1.09763	1.09773	1.09759	1.09772	52	
15 Minutes (M15)		2020.05.01 16:08	1.09794	1.09794	1.09760	1.09761	63	
		2020.05.01 16:07	1.09806	1.09806	1.09784	1.09794	58	
		0 2020.05.01 16:06	1.09792	1.09808	1.09791	1.09806	38	
🗐 4 Hours (H4)		0 2020.05.01 16:05	1.09786	1.09810	1.09781	1.09793	62	
🗐 Daily (D1)		0 2020.05.01 16:04	1.09750	1.09787	1.09750	1.09786	62	
·····🦳 Weekly (W)		2020.05.01 16:03	1.09765	1.09765	1.09749	1.09749	47	
Monthly (MN)		2020.05.01 16:02	1.09777	1.09778	1.09760	1.09764	64	
GBPAUD		0 2020.05.01 16:01	1.09761	1.09777	1.09761	1.09777	54	
B GBPCHE		2020.05.01 16:00	1.09801	1.09801	1.09759	1.09760	85	
GBPJPY		0 2020.05.01 15:59	1.09781	1.09803	1.09780	1.09800	61	
GBPNZD		2020.05.01 15:58	1.09780	1.09784	1.09770	1.09777	64	
(\$) GBPUSD		0 2020.05.01 15:57	1.09764	1.09780	1.09764	1.09777	39	
🛞 NZDCAD		0 2020.05.01 15:56	1.09764	1.09768	1.09759	1.09765	57	
	~	2020.05.01 15:55	1.09788	1.09790	1.09764	1.09764	62	
Download 🖌		Add Edi	t Delete	E	Export	Import	Close	

Note that the downloaded bar history will be from MetaQuotes, not from your broker. There could be some differences in the bar history therefore your backtesting results may somewhat differ from your own broker.

Download	d Warning	?	×
	You are going to download data from the "MetaQuotes Softwa history center, but your account is opened on the "Blueberry N trade server.	re Corp." Aarkets Pi	ty Ltd"
Please do on the tra prices wit	I not forget that the downloaded history data can differ from the sde server. This is why these data cannot be used in disputes or h "Blueberry Markets Pty Ltd". If you still want to continue, pres	e data sto 'er histori s OK.	red cal
	OK Cancel		

Once you downloaded the bar history a good practice is to restart the MT4: exit the MT4, wait 5 seconds then start it up again.

Now re-run the backtest with **Every tick** mode and check if you get the *90% modeling quality*, and see the trading results.

5.26 Visual Mode Checkbox Missing in Strategy Tester

Issue

Visual mode checkbox is missing in the Strategy Tester.

×	Expert Advisor \sim	Moving Average.ex4	Expert properties
	Symbol:	✓ Period: H1 ✓	Symbol properties
	Model:	Every tick (the most precise method based on all available least timeframes $\ \lor$ Spread: Current $\ \lor$	Open chart
	Use date	From: 1970.01.01 To: 1970.01.01 Optimization	Modify expert
_			Start
Teste	Settings Journal		

Solution

The Strategy Tester window hides some control elements when the window itself is not tall enough, i.e. the **Visual mode** checkbox could become hidden. Make the Strategy Tester window taller in order to make all the control elements visible, like the **Visual mode** checbox.

Expert Advisor V	Moving Average	.ex4								~	Expert properties
Symbol:					~		Period:	H1		\sim	Symbol properties
Model:	Every tick (the m	nost precise method ba	sed on all availa	ble least timefram	ies ~		Spread:	Current		~	Open chart
Use date		From: 1970.01.01			To:	1970.01.01			Optimization		Modify expert
	3										Start
Settings Journal											
For Help, press F1		Default						1	1		1111111 2706/1 kb
or neip, press ri		Derault									amm 2700/1 kb
		Ĵ									
Expert Advisor	Moving Average	.ex4								~	Expert properties
Symbol:					\sim		Period:	H1		~	Symbol properties
Model:	Every tick (the m	nost precise method ba	sed on all availa	ble least timefram	ies 🗸		Spread:	Current		~	Open chart
Use date		From: 1970.01.01			To:	1970.01.01			Optimization		Modify expert
											Start
Settings Lournal											oran
For Help, press F1		Default				1				_	2714/1 kb
For help, press Fi		Derault									1111111 2714/1 KD
× Evpert Advisor	Moving Average	ev4 I								J [Evnert properties
Sumbol	Hoving Average				~		Poriodi	U1			Sumbal properties
Symbol.	Even tiel: the m		المتعدية المعرفة	hla la sat timoform	·		Consedu	Current			Onen sheet
Model:	Every tick (the m	s 1070 01 01	sed on all availa	ible least timefram	ies ~	1070 01 01	Spread:	Current			Open chart
Use date		From: 1970.01.01			10:	1970.01.01			Optimization		Modify expert
Visual mode							27777				
				Skip to		2020.04.30					
				Skip to		2020.04.30					Start
Settings Journal				Skip to		2020.04.30					Start
Settings Journal		Default		Skip to		2020.04.30					Start
Tor Help, press F1		Default		Skip to		2020.04.30					Start
Settings Journal Sor Help, press F1 Expert Advisor	Moving Average	Default .ex4		Skip to		2020.04.30					Start
Settings Journal Sor Help, press F1 Expert Advisor Symbol:	Moving Average	Default		Skip to	~	2020.04.30	Period:	H1			Start
Settings Journal Sor Help, press F1 Expert Advisor Symbol: Model:	Moving Average	Default .ex4 nost precise method ba	sed on all availa	Skip to	~ Ies ~		Period: Spread:	H1 Current			Start
Settings Journal Sor Help, press F1 Expert Advisor Symbol: Model: Use date	Moving Average Every tick (the m	Default .ex4 host precise method ba From: 1970.01.01	sed on all availa	Skip to		1970.01.01	Period: Spread:	H1 Current	Optimization		Start
Settings Journal Sor Help, press F1 Expert Advisor Symbol: Use date Visual mode	Moving Average Every tick (the m	Default .ex4 nost precise method ba From: 1970.01.01	sed on all availa	Skip to	v nes v To:	1970.01.01 2020.04.30	Period:	H1 Current	Optimization		Start
Settings Journal Sort Help, press F1 Expert Advisor Symbol: Model: Use date Visual mode	Moving Average	Default .ex4 host precise method ba From: 1970.01.01	sed on all availa	Skip to	v nes v To:	1970.01.01 2020.04.30	Period: Spread:	H1 Current	Optimization		Start
Settings Journal Sor Help, press F1 Expert Advisor Symbol: Model: Use date Visual mode	Moving Average Every tick (the m	Default .ex4 nost precise method ba From: 1970.01.01	sed on all availa	Skip to	✓ ies ✓ To:	1970.01.01 2020.04.30	Period: Spread:	H1 Current	Optimization		Start
Settings Journal Sor Help, press F1 Expert Advisor Symbol: Use date Visual mode Settings Journal Settings Journal	Moving Average Every tick (the m	Default .ex4 nost precise method ba From: 1970.01.01	sed on all availa	Skip to	✓ Image: Second sec	1970.01.01 2020.04.30	Period: Spread:	H1 Current	Optimization		Start
Settings Journal Sournal Sourna	Moving Average	Default .ex4 nost precise method ba From: 1970.01.01 Default	sed on all availa	Skip to		1970.01.01 2020.04.30	Period: Spread:	H1 Current	Optimization		Start
Settings Journal Sort Help, press F1 Expert Advisor Symbol: Model: Use date Visual mode Settings Journal Sort Help, press F1 X	Moving Average	Default .ex4 from: 1970.01.01 Default	sed on all availa	Skip to	→ wes → To:	1970.01.01 2020.04.30	Period: Spread:	H1 Current	Optimization		Start
Settings Journal Sort Help, press F1	Moving Average	Default .ex4 .ost precise method ba From: 1970.01.01 Default .ex4	sed on all availa	Skip to	✓ ✓ To:	1970.01.01	Period: Spread:	H1 Current	Optimization		Start
Settings Journal Sort Help, press F1	Moving Average	Default .ex4 .ost precise method ba From: 1970.01.01 Default .ex4	sed on all availa	Skip to	To:	[1970.01.01 [2020.04.30	Period:	H1 Current	Optimization		Start
Settings Journal Sournal Sourna	Moving Average	Default .ex4 tost precise method ba From: 1970.01.01 Default .ex4 tost precise method ba	sed on all availa	Skip to		1970.01.01 2020.04.30	Period: Spread:	H1 Current H1 Current	Optimization		Start Start Symbol properties Open chart Modify expert Start Expert properties Start Expert properties Symbol properties Open chart
Settings Journal For Help, press F1	Moving Average	Default .ex4 .ex4 .ex4 Default .ex4 .ex4 .	sed on all availa	Skip to		1970.01.01 2020.04.30	Period: Spread: Period: Spread:	H1 Current H1 Current	Optimization		Start Start Expert properties Symbol properties Open chart Modify expert Start Expert properties Symbol properties Symbol properties Open chart Modify expert
Settings Journal For Help, press F1	Moving Average	Default .ex4 .ex4 Dot precise method ba From: 1970.01.01 Default .ex4 nost precise method ba From: 1970.01.01	sed on all availa	Skip to	✓ ✓ To: To:	1970.01.01 2020.04.30 1970.01.01 2020.04.30 1970.01.01 2020.04.30	Period: Spread:	H1 Current H1 Current	Optimization Optimization Optimization		Start
Settings Journal For Help, press F1	Moving Average	Default .ex4 rost precise method ba From: 1970.01.01 Default .ex4 rost precise method ba From: 1970.01.01	sed on all availa	Skip to		[1970.01.01 2020.04.30 [1970.01.01 [2020.04.30 [1970.01.01 [2020.04.30	Period: Spread:	H1 Current H1 Current	Optimization		Start

Hover the mouse over the top edge of the Strategy Tester window and drag the edge upwards:

5.27 Step-by-step Installation of Expert4x EAs and Indicators

In this tutorial the name of *MetaTrader* is used as an example. Replace the *MetaTrader* with your broker specific MetaTrader name.

1. Start your MT4 terminal and select the File > Open Data Folder menu



The menu opens a File Explorer.

- 2. Close your MT4
- **3.** Check the *File Explorer*
 - If the File Explorer shows a folder like this one below

📙 🕑 📙 🗢 6EE0DB13AE2FDF98D9A4B06E319DCA9A			-		×
File Home Share View					~ 🕐
← → ✓ ↑ - ≪ AppData → Roaming → MetaQuotes	> Terminal > 6EE0DB13AE2FDF98D9A4B06E319DCA	び ~ 〈 AR	Search 6EE0DB13AE2	FDF98D9	,P
V HetaQuotes	Name	Date modified	Туре	Size	
Crashes	config	06/09/2018 15:15	File folder		
🗸 📙 Terminal	history	30/08/2018 11:41	File folder		
> dtafd9A7C67DC84FE37EAA1FC1E5CF75	logs	06/09/2018 14:16	File folder		
> 1E4DFDF778109F3C1A030B82167218B1	MQL4	30/08/2018 11:40	File folder		
> 3A2E25631C50A76BA25C5590CA5BA5A5	profiles	30/08/2018 11:40	File folder		
6EE0DB13AE2FDF98D9A4B06E319DCA9A	templates	30/08/2018 11:40	File folder		
config	tester	06/09/2018 15:57	File folder		
history	🥁 origin.txt	30/08/2018 11:40	TXT File	1	I KB
logs					
> MQL4					
> profiles					
templates					
> tester					
> 9BF2EC826BDEB55D5380967E9872B144					
> 9662C61C6715C26397817D3943CECEEC					
8 items					

and you see the **origin.txt** or the **origin** file go to the standard installation page.

• If the File Explorer shows a folder like this one below

📙 🔄 🔜 🖛 MetaTrader				-	
File Home Share View					~ <table-cell></table-cell>
← → ∽ ↑ 📙 → This PC → Local Disk (C:) → Progra	am File	es (x86) → MetaTrader →	5 v	Search MetaTrader	م
Internet Explorer	^	Name	Date modified	Туре	Size
		config	30/08/2018 11:40	File folder	
config		history	30/08/2018 11:40	File folder	
history		MQL4	30/08/2018 11:40	File folder	
MQL4		profiles	30/08/2018 11:40	File folder	
profiles		Sounds	30/08/2018 11:40	File folder	
Sounds		templates	30/08/2018 11:40	File folder	
templater		DDE-Sample.xls	30/08/2018 11:39	XLS File	10 KB
Mat Tables A 'Table		le metaeditor.exe	30/08/2018 11:40	Application	9,873 KB
Meta Irader - Axi Irader		🗟 terminal.exe	30/08/2018 11:40	Application	10,972 KB
MetaTrader - RoboForex		🍸 terminal.ico	31/08/2018 08:47	lcon	45 KB
MetaTrader 4 FinFX		🍓 uninstall.exe	29/08/2017 22:06	Application	1,382 KB
MetaTrader 4 IC Markets					
Microsoft SDKs					
Microsoft.NET					
OANDA MetaTrader					
Reference Assemblies					
	~				

and you see the terminal.exe or terminal file go to the non-standard installation page.

5.27.1 Standard EA, Indicator installation

In the opened File Explorer the origin.txt or the origin file was found.

Please follow through the steps below to install the Expert4x EA or Indicator on your MT4

1. Double click the **origin.txt** file and take a note of the MetaTrader location.



2. Start the EA or indicator setup program. Follow through the setup until you reach the Select Target MetaTrader Directory window.

Setup - Select Targe	t MetaTrader Dire	EA ectory	FA			×
Setup will in	istall the		EA under the	selected MT4 in	istance.	
	gram Files (x86) Wet gram Files (x86) \Thir gram Files (x86) \OAt gram Files (x86) \OAt	taTrader 4 IC I nkForex Austra NDA MetaTrad taTrader 4's D	Markets's Data alia MetaTrade ler's Data Fold ata Folder) Folder er 4's Data Folde er	er	
○ C: Pro ○ C: Pro ○ C: Pro ○ C: Pro ○ C: Pro ○ C: Pro	gram Files (x86)\Talli ogram Files (x86)\Talli ogram Files (x86)\Met ogram Files (x86)\Met ogram Files (x86)\Met	inex Meta Irad taTrader 4 Finl taTrader - Rob taTrader - Axī taTrader's Dat	ier 4 - 01's Dai FX's Data Fold poForex's Data Trader's Data I a Folder	ta Folder er Folder Folder		
- Expert4x ———			< Back	Next >	Can	icel

- 3. In this window select your targeted MetaTrader's Data Folder, as per the origin.txt noted earlier, and click Next
- 4. Follow through the rest of the setup application.
- **5.** In the end click **Install**

🔂 Setup - 🛛 🛛 EA		_		×
Ready to Install Setup is now ready to begin installing computer.		EA on your	(
Click Install to continue with the installatio change any settings.	n, or click Back if you	ı want to reviev	v or	_
Target Metatrader location: C:\Program Files (x86)\MetaTrader 4			^	
Target Metatrader data folder location: C:\Users \AppData\Roaming\Me	taQuotes\Terminal\5	0CA3DFB510C	C5A8	
Users Guide location: C:\Users \AppData\Roaming				
<			>	
- Exherrax	< Back	Install	Can	cel

- 6. Check the EA or Indicator in the MetaTrader after installation
 - a) Start your MetaTrader
 - b) In the **Navigator panel** open the Expert Advisors section if you installed an EA or the Indicators section if you installed an Indicator and look for the EA or Indicator.

5.27.2 Non-standard EA, Indicator installation

In the opened File Explorer the terminal.exe or terminal file was found.

Please follow through the steps below to install the an Expert4x EA or Indicator on your MT4

- 1. Right click on the name of the Setup application
- 2. Select **Run as administrator** (You may get a few security warning or you may need to type in the Windows administrator password)

-7	
	Open
•	Run as administrator 🗲
	Troubleshoot compatibility
	Pin to Start
2	Edit with Notepad++
5	Scan selected items for viruses
ात्त्र सम्	Shred using AVG
Ē	Share
	Give access to >
	Pin to taskbar
	Restore previous versions
	Send to >
	Cut
	Сору
	Create shortcut
	Delete
	Rename
	Properties

- 3. Follow through the application until you reach the Select Target MetaTrader Directory window.
- 4. Click Add target directory... button

🛃 Setup -	EA		_		×
Select Target MetaTrader D For which MT4 location should)irectory	EA be ins	stalled?	¢	
Setup will install the	EA	under the selec	ted MT4 ins	tance.	
C:\Program Files (x86)\V C:\Program Files (x86)\V	MetaTrader 4 IC Mar ThinkForex Australia DANDA MetaTrader' MetaTrader 4's Data Tallinex MetaTrader MetaTrader 4 FinFX's MetaTrader - RoboFo MetaTrader - AxiTrao MetaTrader's Data F	kets's Data Fold MetaTrader 4's s Data Folder Folder 4 - 01's Data Fold s Data Folder orex's Data Fold der's Data Folder older	er Data Folder der er		
Superior 1		Add t	arget direct	ory	
- Expertax		< Back N	ext >	Car	ncel

5. Navigate to your MetaTrader folder

Browse For Folder	×						
Select a MT4 target folder in the list below, then $\operatorname{click}\operatorname{OK}$							
	_						
> 📑 Videos	^						
🗸 🏪 Local Disk (C:)							
> bin							
> dev							
PerfLogs							
> Program Files							
✓ Program Files (x86)							
Application Verifier							
Common Files							
> Google							
> Inno Script Studio							
> Inno Setup 5							
> Internet Explorer							
> Meta Irader							
MetaTrader - AxiTrader							
MetaTrader - RoboForex							
MetaTrader 4							
config							
> history	¥						
< >							
OK Cancel							

and click OK.

6. Scroll down to the end of the list. Select the target directory. Click Next.

🔀 Setup -	EA	_		×
Select Target MetaTrader I For which MT4 location shoul	Directory d	EA be installed?		
Setup will install the	EA under	r the selected MT4 ins	stance.	
C:\Program Files (x86)\ C:\Program Files (x86)\	MetaTrader 4 IC Markets's ThinkForex Australia Meta QANDA MetaTrader's Data MetaTrader 4's Data Folde Tallinex MetaTrader 4 - 01' MetaTrader 4 FinFX's Data MetaTrader - RoboForex's MetaTrader - AxiTrader's IC MetaTrader's Data Folder MetaTrader 4 Folder	Data Folder Folder 4's Data Folder Folder r S Data Folder Folder Data Folder Data Folder	r	
		Add target direct	tory	
- Expert4x	< Back	: Next >	Cance	el

- 7. Follow through the rest of the setup application.
- 8. In the end click Install

🔁 Setup - EA	_		×
Ready to Install Setup is now ready to begin installing computer.	EA on your	(
Click Install to continue with the installation, or click Back if you change any settings.	want to reviev	vor	
Target Metatrader location: C:\Program Files (x86)\MetaTrader 4 Target Metatrader data folder location: C:\Program Files (x86)\MetaTrader 4		^	
Users Guide location: C:\Users\AppData\Roaming\			
- Evnertdy		>	
< Back	Install	Cano	el

- 9. Check the EA or Indicator in the MetaTrader after installation
 - a) Start your MetaTrader
 - b) In the **Navigator panel** open the Expert Advisors section if you installed an EA or the Indicators section if you installed an Indicator and look for the EA or Indicator.

5.28 How to download an EA setup in VPS environment

In this topic we guide you through the EA setup application download in VPS environment.

1. Start the File Explorer

Click the File Explorer



The File Explorer started.



2. Select the address bar section

	-	Libraries			-	
File	Home Share View					~ ?
69	✓ ↑ E Libraries	¥	Ç	Search Libraries		م
★ Favo ■ De: ● Do ● Rec	rices sktop wnloads cent places	Library Music				

3. Type in: https://my.eafactory.com/expert4x and press Enter to start the Internet Explorer

	Libraries		_	x
File Home Share View				~ ?
🕒 🔄 🔻 🕇 [https://my.eafa	ctory.com/expert4x v →	Search Libraries		 Q
😭 Favorites 🔲 Desktop 🚺 Downloads	Documents Library			


Supertar	- □ ×
Chercer V	

If yes, please select the address bar in the Internet Explorer and type in: https://my.eafactory.com/ UserInterface/index.zul?p=1

C	\leftarrow	🥖 https://my.eafactory 🔎 👻 🖨 🗟 🖒	🥌 Expert4x 🛛 🗙	

If you got this message below you may need to adjust temporary your Internet security settings.



- 4. When the Web support Site is appeared please log in
- 5. Select the EA name from the Product List and click Product Download in the Release List

Product List Release Notes Expert4x Version Expert4x Version Expert4x Version I.O.0 Expert Advisor Download Area 1.0.0 Expert Advisor User Control Pa 1.0.0 Expert Advisor Inceember, 2013 Refease List Users I.Download the setup application 1. Download the setup application 1. Start off the downloaded setup application 3. Start off the downloaded setup application 1. Select an existing MT4 main folder for setup target Note Iter MT4 folder must exist. Select the top level MT4 folder name: Note Corboranne TaileNthat Forder. Altarti I.V Corboranne TaileNthat Forder. Altarti I.V		×) 🗝 🖴 🕏 🏉 🥔 Web Suppor	→ 🥖 🥙 https://my.eafactory
Product List Release Notes Navigation Expert4x Version Download Area Expert4x Version User Control Print Expert4x In December, 2013 Users Release List In Download the setup application In Download the setup application In Download the setup application In Download the setup application In Download the setup application In Download the setup application In Download the setup application In Download the setup application In Download the setup application In Download the setup application In Download the setup application In Download the setup application In Download the setup application In Select an existing MT4 main folder for setup target Note Interminal exe application Interminal exe application Interminal exe application In example top level MT4 folder name: Interminal exe application Interminal exe application		xpert4x	E	
Expert4x Version Expert4x Version Expert4x Version I.0.0 Expert Advisor Download Area User Control Pictor User Control Pictor for MT4 platform 11 December, 2013 Quick installation instructions 1. Download the setup application 1. Download the setup application 2. Exist the MT4 application if it was running 3. Start off the downloaded setup application 4. Select an existing MT4 main folder for setup target Note The MT4 folder must exist. Select the top level MT4 folder name: Comparame EvelowMart Forder – Alweit IIV		Release Notes		Product List
Expert4x Version Expert4x 1 Expert4x 0.0 Expert Advisor for MT4 platform 1.0.0 Expert Advisor 11 December, 2013 1.0 Download the setup application Release List 1 0 1.0 Download 1 Download 2 Note The MT4 folder must exist. Select the top level MT4 folder name: 1 Note 1 Decompetition 1 An example top level MT4 folder name: <td>Navigation</td> <td></td> <td></td> <td>Expert4x</td>	Navigation			Expert4x
Expert4x 1 Expert4x 1 Expert4x 1 December, 2013 1 Quick installation instructions 1 1 Download 0 1 0 0	Version Download Area	Expert4x	0	Evenentdy
Expert4x for M14 platform Expert4x 11 December, 2013 Release List Quick installation instructions I Download Building Download I Select an existing MT4 main folder for setup target Note The MT4 folder must exist. Select the top level MT4 folder name: I Core prame <td>User Control Panel</td> <td>1.0.0 Expert Advisor</td> <td></td> <td>Expert4x Daljanana</td>	User Control Panel	1.0.0 Expert Advisor		Expert4x Daljanana
Expert4x 11 December, 2013 Release List Quick installation instructions I. Download the setup application 2. Exit the MT4 application if it was running 3. Start off the downloaded setup application 4. Select an existing MT4 main folder for setup target Note The MT4 folder must exist. Select the top level MT4 folder name:	1	for MT4 platform		Expert4x
Release List Quick installation instructions 1. Download the setup application 2. Exit the MT4 application if it was running 3. Start off the downloaded setup application 4. Select an existing MT4 main folder for setup target Note The MT4 folder must exist. Select the top level MT4 folder name: Comparison of the which contains the terminal exe application. An example top level MT4 folder name: Comparison of the which contains the terminal exe application.	Logou	11 December, 2013		Expert4x
Release List Users Product Guide Download 1. Download the setup application 2 Start off the downloaded setup application 4. Select an existing MT4 main folder for setup target Note The MT4 folder must exist. Select the top level MT4 folder must exist. Select the top level MT4 folder name: An example top level MT4 folder name: C	16	Quick installation instruct		
C. u logram Price Wicia Hader - Alpan OK	on was running p application folder for setup xist. Select the top a contains the a. IT14 folder name: Trader - Alpari UK'	 Download the setup applie Exit the MT4 application i Start off the downloaded s Select an existing MT4 matarget Note The MT4 folder mathematical event application An example top level 'C: 'Program Files'W 	Users Guide Product Download	
Services powered by EAfactory.com Web Support Site v1.0.0	>	EAfactory.com Web Support	Services powered	
		in a construction in the composition	00,11000 20110100	

If you got this message below you may need to adjust temporary your Internet security settings to enable downloads.



Warning messages related to the download

• Do you want to save the Tradeable RSI EA_v4.0.0_Setup.exe ...?

An example top level MT4 folder	
Do you want to save British Blog_v1.0.0_Setup.exe from my.eafactory.com? This type of file could harm your computer. Save Save	× Cancel

Click Save to resolve this warning

• If you use Internet Explorer 9.0 you may get this message:

theTradeableRSI EA_v4.0.0_Setup.exe is not commonly downloaded and could harm your computer

This message is a new features in Internet Explorer 9.0. IE 9.0 has increased user security.

"When you download a program from the Internet, SmartScreen Filter will check the program against a list of programs that are downloaded by a significant number of other Internet Explorer users and a list of programs that are known to be unsafe. If the program you're downloading isn't on either list, SmartScreen Filter will display a warning that the file isn't "commonly downloaded." It doesn't necessarily mean the website is fraudulent or that the program is malware, but you probably shouldn't download or install the program unless you trust the website and the publisher."

Source: http://windows.microsoft.com/en-US/windows7/SmartScreen-Filter-frequently-asked-questions-IE9?SignedIn=1

These are the steps if you'd like to continue installing the theTradeableRSI EA EA:

- 1. Click the Action button in the displayed message
- 2. In the dialog box click the down arrow to the left of More options, and click Run anyway
- 6. After the successful download the Internet Explorer may show this message

An examp name: 'C:	Program Files\MetaTrader	
The publisher ofv1.0.0_Setup (2).exe couldn't be verified.	Run View downloads	>

To start the installation process after the download click Run

7. Clean up after the download in the Internet Explorer

5.28.1 How to enable JavaScript in your Internet Explorer

Issue

I tried to load the Web Support Centre in the Internet Explorer But the following error message popped up.



JavaScripts are disabled in the Internet Explorer

To load the Web Support Centre you may need to enable the usage of JavaScript in the Internet Explorer

- **1.** In the Inter Explorer click **Tools** icon
- 2. Select Internet options

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e ▶
oom (100%) 🔹 🕨
fety 🕨
dd site to Start Screen
ew downloads Ctrl+J
anage add-ons
2 developer tools
o to pinned sites
ternet options
TOUT UNTERNET EXPLORER

- 3. Go to the Security tab
- 4. Select Custom level

Internet Options ? X
General Security Privacy Content Connections Programs Advanced
Select a zone to view or change security settings.
🥥 🔍 🗸 🚫 🛛
Internet Local intranet Trusted sites Restricted sites
Internet Sites
This zone is for Internet websites, except those listed in trusted and restricted zones.
Security level for this zone
Allowed levels for this zone: Medium to High
High Appropriate for websites that might have harmful content Aximum safeguards Less secure features are disabled
Enable Protected Plode (requires restarting Internet Explorer) Custom level Default level
Reset all zones to default level
OK Cancel Apply

- 5. Scroll down until you see Scripting
- 6. Under the Active scripting select Enable
- 7. Click OK

Internet Options	? 3	.
Security Settings - Internet Zone		x
Settings Websites in less privileged web content zone can nav Disable Prompt Active scripting Active scripting Prompt How Programmatic clipboard access Disable Enable Prompt Allow status bar updates via script Disable Enable Foable Foable High (default) Concentrations Reset to: High (default) Concentrations Reset to: High (default) Concentrations Concentra	igate in 5 4 4 4 4 4 4 4 4 4 4 4 4 4	
		x
warning:		



9. Refresh the https://my.eafactory.com/UserInterface/index.zul?p=1 page ang login

5.28.2 How to Enable Download in your Internet Explorer

Issue

8.

I tried to download the EA setup application in the **Internet Explorer** But the following error message popped up.



File download is disabled in the Internet Explorer

To download a file you may need to enable the Download in the Internet Explorer

- 1. In the Inter Explorer click Tools icon
- 2. Select Internet options



- 3. Go to the Security tab
- 4. Select Custom level

Internet Options ? ×
General Security Privery Content Connections Programs Advanced
Select a zone to view or change security settings.
🔵 🔩 🗸 🚫
Internet Local intranet Trusted sites Restricted sites
Internet
This zone is for Internet websites, except those listed in trusted and restricted zones.
Security level for this zone
Allowed levels for this zone: Medium to High
High Appropriate for websites that might have harmful content Aminum safeguards Less secure features are disabled
Enable Protected Plode (requires restarting Internet Explorer)
Custom level
A Reset all zones to default level
OK Cancel Apply

- 5. Scroll down until you see Downloads
- 6. Under the File download select Enable
- 7. Click OK

Internet Options ? ×
Security Settings - Internet Zone
Settings Image: Disable Image: Disab
Warning!
Are you sure you want to change the settings for this zone?

9. click the Product Download button again

5.28.3 Clean up after the download in the Internet Explorer

In this topic we guide you through how to clean up after download in VPS environment.

- 1. In the Inter Explorer click Tools icon
- 2. Select Internet options

8.

<u>in</u> . 2	Print File Zoom (100%) Safety Add site to Start Screen View downloads Ctrl+J Manage add-ons F12 developer tools Go to pinned sites
	Internet options About Internet Explorer

3. Go to the Security tab



4. Click the Default level

Internet Options ? X	
General Security Privacy Content Connections Programs Advanced	
Select a zona to view or change security settings	
Internet Local intranet Trusted sites Restricted sites	
Internet	
This zone is for Internet websites, except those listed in trusted and restricted zones.	
Security level for this zone	
Custom Custom settings. - To change the settings, click Custom level. - To use the recommended settings, click Default level.	
Enable Protected Mode (requires restarting Internet Explorer) Custom level Default level	
4 Reset all zones to default level	
OK Cancel Apply]

5. Click OK

Internet Options ? X				
General Security Privacy Content Connections Programs Advanced				
Select a zone to view or change security settings.				
Internet Local intranet Trusted sites Restricted sites	aS			
Internet	10			
This zone is for Internet websites, except those listed in trusted and restricted zones.				
Security level for this zone				
Allowed levels for this zone: Medium to High				
High - Appropriate for websites that might have harmful content - Maximum safeguards - Less secure features are disabled				
☑ Enable Protected Mode (requires restarting Internet Explorer)				
Custom level Default level				
Reset all zones to default level				
5				
OK Cancel Apply				

5.29 How to enable JavaScript in your Internet Explorer

Issue

I tried to load the Web Support Centre in the Internet Explorer But the following error message popped up.



JavaScripts are disabled in the Internet Explorer

To load the Web Support Centre you may need to enable the usage of JavaScript in the Internet Explorer

- 1. In the Inter Explorer click Tools icon
- 2. Select Internet options

	1	• ×
	Print	•
	File	•
	Zoom (100%)	•
	Safety	•
	Add site to Start Screen	
	View downloads	Ctrl+J
<u></u>	Manage add-ons	
	F12 developer tools	
	Go to pinned sites	
	Internet options	
	5	

- 3. Go to the Security tab
- 4. Select Custom level



- 5. Scroll down until you see Scripting
- 6. Under the Active scripting select Enable
- 7. Click OK

Security Settings - Internet Zone
Settings Websites in less privileged web content zone can navigate in Image: Disable Image: Disable
Prompt Scripting Active scripting Disable Enale Prompt Allow Programmatic clipboard access Disable Enable Prompt Allow status bar updates via script Disable Enable Prompt Allow status bar updates via script Disable Enable Enable Enable



9. Refresh the https://my.eafactory.com/UserInterface/index.zul?p=1 page ang login

5.30 How to Enable Download in your Internet Explorer

Issue

I tried to download the EA setup application in the **Internet Explorer** But the following error message popped up.



File download is disabled in the Internet Explorer

To download a file you may need to enable the Download in the Internet Explorer

- 1. In the Inter Explorer click Tools icon
- 2. Select Internet options



- 3. Go to the Security tab
- 4. Select Custom level

Internet Options ? ×
General Security Privery Content Connections Programs Advanced
Select a zone to view or change security settings.
🔵 🔩 🗸 🚫
Internet Local intranet Trusted sites Restricted sites
Internet
This zone is for Internet websites, except those listed in trusted and restricted zones.
Security level for this zone
Allowed levels for this zone: Medium to High
High Appropriate for websites that might have harmful content Aminum safeguards Less secure features are disabled
Enable Protected Plode (requires restarting Internet Explorer)
Custom level
A Reset all zones to default level
OK Cancel Apply

- 5. Scroll down until you see Downloads
- 6. Under the File download select Enable
- 7. Click OK





9. click the Product Download button again

Chapter

6

Operational Messages

The theTradeableRSI EA operational messages and resolution guide.

Expert Advisors Operational Messages

Observe the message number displayed in **red** in the EA dashboard. Find that EA code in the table below and click on that number to see the details and possible resolutions:



EA Code	Severity	Message	Description
1001	Error	Setup problem: DLL imports not allowed. Tick Allow DLL imports in Common tab of the properties window.	Configuration setting is missing to allow the EA to use dynamicaly loaded libraries (DLLs). Enable the load of DLLs and restart the EA. More
1002	Error	Incomplete EA installation: Run setup application for MT4 instance " <mt4datapath>'s Data Folder"</mt4datapath>	Product installation is not complete or damaged. Run the setup application for the MT4 terminal instance as displayed. More
1006	Error	MT4 Expert Advisors are disabled: click AutoTrading icon on MT4 toolbar to execute the EA.	EA does not perform its operations, not monitoring nor reacting to price movements of the market. More
1007	Error	Live trading is not allowed (no smiley face): press F7 and tick Allow live trading box on Common tab.	The EA is unable to perform trading operations, there is a sad icon in the top right corner of the chart. More
1008	Error	Authentication failed or interrupted (<stopped>, <status>, <response>, <reason>, <flipovercount>, <latency>)</latency></flipovercount></reason></response></status></stopped>	The EA is not able to authenticate the user access to the service at its start up time. More
1017	Error	Initial risk <initialriskpercent>% is too low. Set EA parameter 'Initial Risk Percent' to higher than zero.</initialriskpercent>	Position sizing feature is enabled but no Initial Risk Percent or Initial SL is configured. More
1018	Error	Initial SL <initialstoploss> is too low. Set EA parameter 'Initial SL for New Position' to higher than zero.</initialstoploss>	Position sizing feature is enabled but no Initial Risk Percent or Initial SL is configured. More
2118	Error	Service access disabled (<accessid>, <confirmationid>) - shutting down</confirmationid></accessid>	The user quits the authentication process, or the EA is not able to authenticate the user access to the service. More
9104	Error	Order submit failed at bid	Broker server rejects orders submitted by the EA. More

MetaTrader Operational Messages

Observe the message number displayed in **white** in the EA dashboard. Find that MT4 code in the table below and click on that number to see the details and possible resolutions:

MT4:132 market is closed		

MT4 Code	Severity	Message	Description
2	Error	Common error.	Connection, broker account or market related error. More
129	Error	Invalid price.	The market price moved in the meanwhile making the price in the order not feasible. More
132	Error	Market is closed.	Market is closed, trading is not available. More
133	Error	Trade is disabled.	Broker disabled trading on this account. More
136	Error	Off quotes.	No current prices available or a broker configured limit breached. More
148	Error	Amount of open and pending orders has reached the limit.	The broker account does not allow for more open or pending orders on the account. More
4024	Error	Internal error.	MT4 terminal internal issue. More

6.1 Operational Messages

Expert Advisor Operational Messages.

Expert Advisors Operational Messages

Observe the message number displayed in **red** in the EA dashboard. Find that EA code in the table below and click on that number to see the details and possible resolutions:

Г Елог Messages	
ERROR 9104	
At Broker Time: 2020-08,14 00:00:03 Local Time: 2020.08.14 07:00:03 Count: 1	
NIT 41/132 market is closed	

EA Code	Severity	Message	Description
1001	Error	Setup problem: DLL imports not allowed. Tick Allow DLL imports in Common tab of the properties window.	Configuration setting is missing to allow the EA to use dynamicaly loaded libraries (DLLs). Enable the load of DLLs and restart the EA. More
1002	Error	Incomplete EA installation: Run setup application for MT4 instance " <mt4datapath>'s Data Folder"</mt4datapath>	Product installation is not complete or damaged. Run the setup application for the MT4 terminal instance as displayed. More

EA Code	Severity	Message	Description
1006	Error	MT4 Expert Advisors are disabled: click AutoTrading icon on MT4 toolbar to execute the EA.	EA does not perform its operations, not monitoring nor reacting to price movements of the market. More
1007	Error	Live trading is not allowed (no smiley face): press F7 and tick Allow live trading box on Common tab.	The EA is unable to perform trading operations, there is a sad icon in the top right corner of the chart. More
1008	Error	Authentication failed or interrupted (<stopped>, <status>, <response>, <reason>, <flipovercount>, <latency>)</latency></flipovercount></reason></response></status></stopped>	The EA is not able to authenticate the user access to the service at its start up time. More
1017	Error	Initial risk <initialriskpercent>% is too low. Set EA parameter 'Initial Risk Percent' to higher than zero.</initialriskpercent>	Position sizing feature is enabled but no Initial Risk Percent or Initial SL is configured. More
1018	Error	Initial SL <initialstoploss> is too low. Set EA parameter 'Initial SL for New Position' to higher than zero.</initialstoploss>	Position sizing feature is enabled but no Initial Risk Percent or Initial SL is configured. More
2118	Error	Service access disabled (<accessid>, <confirmationid>) - shutting down</confirmationid></accessid>	The user quits the authentication process, or the EA is not able to authenticate the user access to the service. More
9104	Error	Order submit failed at bid	Broker server rejects orders submitted by the EA. More

6.1.1 Message 1001

Code	Severity	Message	Description
1001	Error	Setup problem: DLL imports not allowed. Tick Allow DLL imports in Common tab of the properties window.	Configuration setting is missing to allow the EA to use dynamicaly loaded libraries (DLLs). Enable the load of DLLs and restart the EA. More

Setup problem: DLL imports not allowed

Issue

The EA is not able to start up when gets attached to a chart because some of its dependencies could not be loaded into memory. The EA requires some dynamically loaded libraries (DLL) to be loaded into memory from disks. When the EA configuration settings do not allow the load of DLLs then the EA cannot start up and reports this error message.

Possible root cause

• The EA configuration does not allow for the load of DLLs.

Resolution

Enable the load of DLLs in the EA configuration dialog.

1. Attach the EA to a chart, or if already attached then select the chart and

- In case of an EA: press F7
- In case of an indicator: press Ctrl+I and double-click the name of the indicator in the list.
- 2. Go to the Common tab of the Property window.
- 3. Tick the checkbox Allow DLL imports.

4. Click OK.

Expert -		?	×
About Common Inputs Dependencies			
Common Long & Short positions Enable alerts Disable alert once hit Live Trading Allow live trading	Safety Image: Safety Image: Allow DLL imports Image: Allow import of external experts Image: Allow modification of Signals settings		
	OK Cancel	Rese	t .

6.1.2 Message 1002

Code	Severity	Message	Description
1002	Error	Incomplete EA installation: Run setup application for MT4 instance " <mt4datapath>'s Data Folder"</mt4datapath>	Product installation is not complete or damaged. Run the setup application for the MT4 terminal instance as displayed. More

Incomplete Installation

Issue

The EA is not able to start up when gets attached to a chart because some of its dependencies could not be found on the file system.

Possible root cause

- The EA setup application was not able to perform all its steps, not completed in full.
- The product was installed manually and some of the steps were missed.
- The MT4 instance's file system got damaged, some files got corrupted or deleted.

Resolution

Download the EA setup application and execute it to get the product installed for the MT4 instance:

- 1. Download the setup application from Web Support Centre.
- **2.** Execute the setup application to get the product installed. For installation guide refer to any of the following:
 - Getting Started with the theTradeableRSI EA
 - Step-by-step Installation of Expert4x EAs and Indicators

6.1.3 Message 1006

Code	Severity	Message	Description
1006	Error	MT4 Expert Advisors are disabled: click AutoTrading icon on MT4 toolbar to execute the EA.	EA does not perform its operations, not monitoring nor reacting to price movements of the market. More

EA AutoTrading Disabled

Issue

The EA is not responding to price movements, not performing its logic upon data ticks coming in from the broker. The MT4 toolbar button **AutoTrading** is disabled.

Possible root cause

• The AutoTrading button on the MT4 toolbar is disabled.

irts	Tools	Wir	ndow	Help										
	0	📑 Ne	ew Orde	er 🍐	-	Aut	oTrad	ling	11	ţ.	ħ	e,	Q	14
	A	T	\$₄ •	M1	M5	M15	M30	H1	H4	D1	W1	MN		
	,													

Resolution

Press the AutoTrading button on the MT4 toolbar.

irts	Т	ools	W	indow	H	Help										
1	ł	3	. N	lew Or	ler		?	Aut	oTrad	ling	11	10	ħ	e,	Q	
	 F	А	T	\$, -		M1	M5	M15	M30	H1	H4	D1	W1	MN		
	νĪ									_						

6.1.4 Message 1007

Code	Severity	Message	Description
1007	Error	Live trading is not allowed (no smiley face): press F7 and tick Allow live trading box on Common tab.	The EA is unable to perform trading operations, there is a sad icon in the top right corner of the chart. More

Live Trading Not Allowed

Issue

The EA is unable to perform trading operations, there is a sad icon in the top right corner of the chart.

Possible root cause

• The Allow live trading checkbox is not ticked at the EA properties window.

Resolution

Enable live trading in the EA properties window.

- **1.** Go to the chart and press F7.
- 2. Go to the Common tab of the Expert properties window.
- **3.** Tick the checkbox **Allow live trading**.
- 4. Click OK

Expert -		?	×
About Common Inputs Dependencies			
Common Long & Short positions Enable alerts Disable alert once hit Live Trading Allow live trading	Safety ✓ Allow DLL imports ✓ Allow import of external experts Allow modification of Signals settings		
	OK Cancel	Res	et

6.1.5 Message 1008

Code	Severity	Message	ToDo
1008	Error	Authentication failed or interrupted (<stopped>, <status>, <response>, <reason>, <flipovercount>, <latency>)</latency></flipovercount></reason></response></status></stopped>	The EA is not able to authenticate the user access to the service at its start up time. More

Failed Authentication

Issue

The EA is not able to authenticate the user access to the service at attach or restart time and does not start up.

Possible root cause

- The EA could not connect to the authentication server.
- The user quit the authentication process.
- There is a typo in the Access ID entered by the user.
- The theTradeableRSI EA is not yet purchased by the user.
- The theTradeableRSI EA was purchased, but not yet activated by the user.
- The theTradeableRSI EA was purchased or a trial started, but the licensed period (e.g. calendar days) has lapsed.
- The theTradeableRSI EA was purchased, but the licensed usage limit (e.g. number of parallel accesses) is breached by the user.

Resolution

Double check the following items to find resolution to the issue.

- 1. Ensure that the computer has working Internet connection. For example, go to the Web Support Centre and see if the page loads with no issues. When the Internet connection is working, restart the EA by pressing F7 and clicking the **OK** button of the **Expert** property window.
- 2. Ensure you enter the correct Access ID, case sensitive, without any typo, and click the **Save** button of the **Service Access Settings** authentication window.

Service Acc	ess Setup
	Unknown Access ID. Please enter valid Access ID.
Product:	
Provider:	
Access ID:	unregistered
	Save Cancel
	Dialog closes in 2 min 2 seconds

- **3.** Ensure you have purchased the product. Log in to the Web Support Centre and select the theTradeableRSI EA from the product list. If the product is **not** available for download then it is yet to be purchased at the Web Support Centre.
- **4.** Count the number of computers you are running the theTradeableRSI EA on. If it is more than what the purchased EA licence copies allow then either shut down on the excess number of the computers all the running theTradeableRSI instances, or purchase more licence at the Web Support Centre.

6.1.6 Message 1017

Code	Severity	Message	Description
1017	Error	Initial risk <initialriskpercent>% is too low. Set EA parameter 'Initial Risk Percent' to higher than zero.</initialriskpercent>	Position sizing feature is enabled but no Initial Risk Percent or Initial SL is configured. More

Missing Initial Risk Percent for Position Sizing Feature

Issue

The position sizing feature is enabled and it requires both the *Initial Risk Percent* as well as the *Initial SL* to be set higher than zero.

Possible root cause

• The Initial Risk Percent is turned off, set to value zero.

Resolution

Set the Initial Risk Percent to higher than zero value.

6.1.7 Message 1018

Code	Severity	Message	Description
1018	Error	Initial SL <initialstoploss> is too low. Set EA parameter 'Initial SL for New Position' to higher than zero.</initialstoploss>	Position sizing feature is enabled but no Initial Risk Percent or Initial SL is configured. More

Missing Initial SL for Position Sizing Feature

Issue

The position sizing feature is enabled and it requires both the *Initial Risk Percent* as well as the *Initial SL* to be set higher than zero.

Possible root cause

• The Initial SL is turned off, set to value zero.

Resolution

Set the *Initial SL* to higher than zero value.

6.1.8 Message 2118

Code	Severity	Message	ТоДо
2118	Error	Service access disabled (<accessid>, <confirmationid>) - shutting down</confirmationid></accessid>	The user quits the authentication process, or the EA is not able to authenticate the user access to the service. More

Aborted Authentication

Issue

The EA is not able to authenticate the user access to the service at attach or restart time and does not start up.

Possible root cause

- The user quit the authentication process.
- The EA could not connect to the authentication server.
- There is a typo in the Access ID entered by the user.
- The theTradeableRSI EA is not yet purchased by the user.
- The theTradeableRSI EA was purchased, but not yet activated by the user.
- The theTradeableRSI EA was purchased or a trial started, but the licensed period (e.g. calendar days) has ellapsed.
- The theTradeableRSI EA was purchased, but the licensed usage limit (e.g. number of parallel accesses) is breached by the user.

Resolution

Double check the following items to find resolution to the issue.

- 1. Ensure that the computer has working Internet connection. For example, go to the Web Support Centre and see if the page loads with no issues. When the Internet connection is working, restart the EA by pressing F7 and clicking the **OK** button of the **Expert** property window.
- **2.** Ensure you enter the correct Access ID, case sensitive, without any typo, and click the **Save** button of the **Service Access Settings** authentication window.

Service Acc	ess Setup
<u>^</u>	Unknown Access ID. Please enter valid Access ID.
Product:	
Provider:	
Access ID:	unregistered
	Save Cancel
	Dialog closes in 2 min 2 seconds

- **3.** Ensure you have purchased the product. Log in to the Web Support Centre and select the theTradeableRSI EA from the product list. If the product is **not** available for download then it is yet to be purchased at the Web Support Centre.
- **4.** Count the number of computers you are running the theTradeableRSI EA on. If it is more than what the purchased EA licence copies allow then either shut down on the excess number of the computers all the running theTradeableRSI instances, or purchase more licence at the Web Support Centre.

6.1.9 Message 2101

Code	Severity	Message	Description
2101	Error	Initialization failed	Initialization failed More

Initialization failed

Issue

The EA dashboard shows that Initialization failed.

+ - Fade Shine	ľ			
Status: HALTED Access: 0-0-0-0@pending Licensed until: pending				
Error Messages				

Possible root cause

- Your computer slowed down for some reason, and the EA could not start up in a timely manner.
- The EA shut down itself in order to reduce the load on your computer, and allow you to gain back responsiveness of the computer, so you can free up some resources.

Resolution

Sometimes this can be associated with heavy swap usage by the operating system, which could be caused by RAM shortage, or cycles of hibernation (close the lid of the laptop). The best way to clean this up is to simply to reboot your computer: exit the EA, shut your computer down and boot it up again. Do not start up any other application just the EA and see if the EA can start up now, after the reboot.

6.1.10 Message 9104

EA Code	Severity	Message	Description
9104	Error	Order submit failed at bid	Broker server rejects orders submitted by the EA. More

Order submit failed at bid

Issue

The theTradeableRSI EA sends a trading request to the broker server which rejects the request due to an issue on the broker side. The details of the broker side issue is described by the MT4 error code presented in the EA dashboard right below the red error message - here is an example:



Possible root cause

In your MT4 chart, observe the MT4 error code displayed in the EA dashboard. Find that MT4 code in the below table and click on that number to see the details and possible resolutions:

MT4 Code	Severity	Message	Description
2	Error	Common error.	Connection, broker account or market related error. More
129	Error	Invalid price.	The market price moved in the meanwhile making the price in the order not feasible. More
132	Error	Market is closed.	Market is closed, trading is not available. More
136	Error	Off quotes.	No current prices available or a broker configured limit breached. More
148	Error	Amount of open and pending orders has reached the limit.	The broker account does not allow for more open or pending orders on the account. More

6.2 MetaTrader Operational Messages

MetaTrader Operational Messages.

2

MetaTrader Operational Messages

Error

Observe the message number displayed in **white** in the EA dashboard. Find that MT4 code in the table below and click on that number to see the details and possible resolutions:

Error Messages	closed		
MT4 Code	Severity	Message	Description

Common error.

Connection, broker account or market

related error. More ...

MT4 Code	Severity	Message	Description
129	Error	Invalid price.	The market price moved in the meanwhile making the price in the order not feasible. More
132	Error	Market is closed.	Market is closed, trading is not available. More
133	Error	Trade is disabled.	Broker disabled trading on this account. More
136	Error	Off quotes.	No current prices available or a broker configured limit breached. More
148	Error	Amount of open and pending orders has reached the limit.	The broker account does not allow for more open or pending orders on the account. More
4024	Error	Internal error.	MT4 terminal internal issue. More

6.2.1 MT4 Message 2

MT4 Code	Severity	Message	Description
2	Error	Common error.	Connection, broker account or market related error. More

MT4 Message: Common error

Issue

Елгог Messages -		
MT4:2 common error		
Ime Message		_
© 2020.11.12 12:49:48.832	(MT4 Code:2 Desc:common error)	
© 2020.11.12 12:49:48.832	360) (MT4 Code:2 Desc:common error)
© 2020.11.12 12:49:48.738	(MT4 Code:2 Desc:common error)	
© 2020.11.12 12:49:48.738	(MT4 Code:2 Desc:common error)	
© 2020.11.12 12:49:48.567	and the same in the same state of the same stat	
© 2020.11.12 12:49:48.567		_
© 2020.11.12 12:49:48.567	and the set of the set	
· 같 ◎ 2020.11.12 12:49:48.567		
Trade Exposure Account History News Alerts Mailbox 7 Market 136 Signals Articles Code Base E	Experts Journal	
For Help, press F1	Default 2020.11.03 04:00 O: 1.32124 H: 1.32343 L: 1.32068 C: 1.32279 V: 22098	7322

The EA dashboard shows that there is a 'common error' on the MT4 level which blocks the communication or trading with the broker server. This may occur after a lost connection over the Internet to the broker server where the reconnection did not succeed properly, or due to some other account or market related issue.

Resolution

Restart your MT4: In the MT4 menu select File > Exit, wait 5 seconds then start it up again. Hopefully the EA 'code 2, common error' would get cleared and the MT4 would be able to operate fully again.

When the demo broker account expires this message may turn up. In this case create a new demo account with the broker.

6.2.2 MT4 Message 129

MT4 Code	Severity	Message	Description
129	Error	Invalid price.	The market price moved in the meanwhile making the price in the order not feasible. More

MT4 Message: Invalid price

Issue

Error Messages		
MT4420 invelid edge		
M14:129 Invalid price		

The EA dashboard shows that the order failed because of the market price moved on by the time the order reached the broker, which can happen in trading on a daily basis.

Resolution

In this case the EA automatically sends a new order according to the new market price and recovers from this issue on its own.

Watch out for the 'Count:' figure at the end of the red error message. Only if the Count figure would keep increasing every few seconds or so for longer than 5 - 10 minutes then a closer look would be needed. That could be an indication of a permanent issue which may need investigation and intervention. In this case send a screenshot of the chart showing the EA dashboard including the error message in full to support.

6.2.3 MT4 Message 132

MT4 Code	Severity	Message	Description
132	Error	Market is closed.	Market is closed, trading is not available. More

MT4 Message: Market is closed

Issue



The EA dashboard shows that the root cause of the issue was that the broker closed the trading of the market at around midnight GMT broker time.

Resolution

This is probably due to the practice the broker switches liquidity providers (banks) at around midnight GMT when the EU/US session ends and the Asian session kicks in. The switchover period could be just a few minutes but may last up to an hour or so around midnight GMT. As the Count: figure is increasing only over this short switchover period this is only a temporary issue.

The EA automatically recovers from this situation on its own and sends new orders to the broker when the market becomes open for trading again.

Watch out for the 'Count:' figure at the end of the red error message. If the Count figure increases only during the midnight GMT switchover period then no further action or intervention is needed. However, if the Count figure would keep increasing at any time of the day (not only around midnight GMT) every few seconds or so for longer than 5 - 10 minutes then a closer look would be needed. That could be an indication of a permanent issue which may need investigation and intervention. In this case send a screenshot of the chart showing the EA dashboard including the error message in full to support.

6.2.4 MT4 Message 133

MT4 Code	Severity	Message	Description
133	Error	Trade is disabled.	Broker disabled trading on this account. More

MetaTrader Message: Trade is disabled

Issue

The theTradeableRSI EA got attached to a chart, the EA is up and running. It keeps submitting market orders to the broker server. However, the broker's server does not execute these market orders, instead, the broker says the trade on this broker account is disabled:



The broker server reports the MT4 error code 133, which means that the **trade is disabled** on the account. This is not an EA issue, instead, this is an issue with the broker account. For some reason the broker account does not allow you to trade that market.

Resolution

Go through the following checklist to resolve this issue:

- 1. Restart the MT4 terminal to see if the restart and reconnect to the broker resolves this: In the MT4 menu select **File** > **Exit**, wait 5 seconds then start the MT4 up again.
- 2. Identify another symbol for the same market which is enabled for trading: In the MT4 menu select View > Symbols and search for symbol with different/extra suffix in the name, like EURUSDecn. Add that symbol to the Market Watch window then attach the EA to this new symbol.
- **3.** Logging into your MT4 broker account with the **investor login** credentials disables trading. Ensure that you log in to your broker account with the **full trader login** credentials.
- **4.** Create another demo account with the broker.
- 5. Contact your broker and ask their support team to enable trading on the symbol or account
 - 1. Your broker account may have reached some trade limits (e.g. overall maximum lots).
 - 2. Your broker may have put (temporarily) trading limitations on your account for some reason.
 - **3.** Your broker may have to enable trading by EAs.

6.2.5 MT4 Message 136

M	T4 Code	Severity	Message	Description
	136	Error	Off quotes.	No current prices available or a broker configured limit breached. More

MT4 Message: Off quotes

Issue



The EA dashboard shows that the order failed because of the current market prices are not available due to connectivity issues, or because some of the broker constraints got breached by the order, like quotes got outdated or moved too far away.

Resolution

The EA automatically sends a new order according to the new market conditions and recovers from this issue on its own. There is no need for any intervention.

6.2.6 MT4 Message 148

MT4 Code	Severity	Message	Description
148	Error	Amount of open and pending orders has reached the limit.	The broker account does not allow for more open or pending orders on the account. More

MT4 Message: Amount of open and pending orders has reached the limit

Issue

Error Messages	
IT4:148 amount of open and pending orders has reached the limit	
id 1 625820 Spread 0.5 StopLevel 0.0 FreezeLevel 0.0 Tradeable Yes Los 0.01 150.00 by 0.01 Lalency:Oms PipValue 10 00 MarginReg	

Based on the MT4 error code 148 the number of open trades reached the limit of the broker account, i.e. there are too many open trades on the account and no more trade can be entered. This is a broker account limitation, not an EA limitation.

Resolution

The number of open trades needs to be reduced on the broker account. If you run multiple EAs on the account then close some of those charts with the EAs and close the corresponding trades off. You may consider to open another broker account and start those EAs up on that new broker account.

You could also limit the number of trades this EA can open on the account - see the

6.2.7 MT4 Message 4024

MT4 Code	Severity	Message	Description
4024	Error	Internal error.	MT4 terminal internal issue. More

MT4 Message: Internal error

Issue

Time		Message		
۲	2020.11.03 07:35:36.832	Hatadashia2ti (2001)CD 111	INFO[1237;1050018]: Start cleanup:4024 internal error	
0	2020.11.03 07:35:27.545	the second second second	WARN[3017;1050018]: 489:4024 internal error (MT4 Code:4024 Desc:internal error)	
0	2020.11.03 07:33:58.024	the second second	INFO[1237;1050018]: Start cleanup:4024 internal error	
0	2020.11.03 07:33:23.661		INFO[1237;1050018]: Start cleanup:4024 internal error	
0	2020.11.03 07:33:09.540	the second second	INFO[1237;1050018]: Start cleanup:4024 internal error	
0	2020.11.03 07:32:41.520		INFO[1237;1050018]: Start cleanup:4024 internal error	
0	2020.11.03 07:31:12.410		INFO[1237;1050018]: Start cleanup:4024 internal error	
0	2020.11.03 07:30:39.469		INFO[1237;1050018]: Start cleanup:4024 internal error	
0	2020.11.03 07:30:23.871		INFO[1237;1050018]: Start cleanup:4024 internal error	

The MT4 Expert tab shows that there is a 'internal error' in the MT4.

The 4024 comes up when the MT4 is busy, and some request from the EA, like to refresh the chart area, cannot be processed without delay. This is an internal issue to the MT4 due to a busy or overloaded environment. The impact of this issue is that the chart area may get refreshed with some delay. However, in extreme cases this may become an issue impacting the trading as well.

Resolution

If you get this 4024 only occasionally, a couple of times a day then you may ignore this message. However, if you get this message very regularly, then your MT4 or computer could be overloaded or its performance degraded. In this case exit your MT4, reboot your computer, and only start the MT4 up and no other applications which you do not use. If you still get 4024 messages then close some of the charts, detach some of the EAs in your MT4. This is to reduce the load on your computer and to eliminate this message.

Chapter 7

Support

Please contact support@eafactory.com if you require any further assistance. Please copy info@expert4x.com on your email.

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