

CONCISE AGENATRADER HANDBOOK V 2.0



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This handbook contains all core functions of AgenaTrader. It provides a comprehensive overview of all available functions. The brief handbook is ideal for newcomers to get started and orient themselves within the software. It also serves as a reference work for advanced users.



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Product matrix

Function	Basic	Andromeda	Comment
General			
Languages	DE, EN, RU	DE, EN, RU	
Package add-on	+	+	Not all packages are compatible with the Basic version. With Andromeda, all packages can be used.
Multiple connections	+	+	Connect several brokers or data accounts simultaneously
Data			
EOD data	+	+	Contained with Yfeed and Gfeed
Intraday data	+	+	Separate data feed required
Real-time data	+	+	Separate data feed required
Brokerage			
Forex	+	+	Broker account required
Stocks	+	+	Broker account required
Futures	+	+	Broker account required
CFD	+	+	Broker account required
Options	Ο	0	Beginning of 2018 Separate broker account required
Backup & recovery	+	+	



Function	Basic	Andromeda	Comment
Workspace			
Single monitor	+	+	
Multiple monitors	+	+	
Charts and technical analysis			
Single chart	+	+	
Single chart group	+	+	One symbol in up to 4 timeframes.
List chart group (LCG)	+	+	A list of symbols in up to 4 timeframes incl. scanner.
Tab chart group (TCG)	-	+	A list of symbols in up to 4 timeframes.
Chart gallery	-	-	Fee-based add-in required
Action bar	+	+	
Dynamic scanner	-	-	Fee-based add-in required. Also requires Andromeda.
Watch list	+	+	
Indicators (list)	110+	110+	Link: indicator help
Drawing objects	30+	30+	
DOM & Times and Sales	+	+	
Correlation matrix	-	-	Fee-based add-in required.



Function	Basic	Andromeda	Comment
Scanner			
Instrument information	+	+	
Indicators	+	+	
Conditions (signals)	+	+	
Analyzer Escort (AT++)	-	+	
Market screening			
Stock EOD screener	-	+	
Portfolio mixer	-	+	
Fundamental analysis			
CoT Report Escort	-	-	Fee-based add-on required.
Futures calendar	+	+	
Financial calendar Economic data 	+	+	
• Earnings			
• Holidays			
Dividends			
Stock EOD screener	-	+	



Function	Basic	Andromeda	Comment
Extras			
Alerts Time alert Price alert Indicator alert 	+	+	
Notes	+	+	
Web tab	+	+	
Record/Replay Escort	+	+	

Disc	retion	narv f	trad	ina
0100		I GI Y	uuu	iiig

Standard trading pad	+	+	
Market order	+	+	
Stop order	+	+	
Limit order	+	+	
Stop limit order	+	+	
Order connections (IFDone, OCO, ORO)	+	+	Allows you to manually create order setups with a stop loss and target.
QuickTrader	+	+	
DOM trading	+	+	
Chart trading	+	+	
Forex pad	+	+	
3rd level box	+	+	



Function	Basic	Andromeda	Comment
Trading information			
Position	+	+	
Order	+	+	
Executions	+	+	
Account	+	+	
Trading journal • Journal	-	+	
Performance graphic			
 Trading Journal+ Drawing in the performance graphic Indicators in the performance graphic Risk multiples 	-	-	Fee-based add-in for Andromeda required.
Benchmark in the performance graphic			
Summary			
Trade collection			



Function	Basic	Andromeda	Comment
Automated trading			
Programming AgenaScript			
Indicators	+	+	
Strategies	+	+	
Conditions (signals)	-	+	
Alert handler	-	+	
AgenaTrader++			Automated trading strategies without programming
AT++ Manager	-	+	General settings
Condition Escort	-	+	Create Drag&Drop signals/conditions
Setup Escort	-	+	<u>Click & select:</u> stop loss, trailing stop, targets and more.
Analyzer (Escort)			Activate scans for the Analyzer
Risk and money management	-	+	Order size calculation
Order Escort (trading pad)	-	+	
DOM trading with strategy	-	+	
QuickTrader with strategy	-	+	
Chart trading with strategy	-	+	
TradersYard	+	+	



System requirements

	Recommended	
_	Windows 7, 8, 8.1, 10	Windows 7, 8, 8.1, 10
Operating system	(Apple MAC using a virtual machine)	(Apple MAC using a virtual machine)
Screen resolution	1024 x 768	1680 x 1050 and higher 1980 x 1080 max. resolution
Processor	Dual core 2Ghz+	Quad core or higher 3Ghz+
Memory (RAM)	8 GB	16 GB and higher
System type	64-bit operating system	64-bit operating system
Hard drive	Standard SATA	SSD
Internet connection	8 Mbit/s	16 Mbit/s
Microsoft .NET Framework	4.6	4.6

You can download the latest AgenaTrader version at <u>https://agenatrader.com/</u>.



Download & installation



You can find the current version of AgenaTrader as well as a beta version online at https://agenatrader.com. In the navigation, select Platform, and then choose your desired download (see image above).

After the download of your browser is completed, open the file AgenaTrader_Setup.exe.

	Open
	Always open files of this type
	Show in folder
	Cancel
AgenaTrader_Setuexe	~



After you allow and confirm the installation, the AgenaTrader installation setup opens up. The first window shows the version to be installed.



Select the installation directory or leave it on the standard template. When you click *Install*, the installation starts automatically.

🕓 AgenaTrader V2.0.0.464 Setup	_		\times
Choose Install Location Choose the folder in which to install AgenaTrader V2.0.0.464.			
Setup will install AgenaTrader V2.0.0.464 in the following folder. To inst folder, dick Browse and select another folder. Click Install to start the in			
Destination Folder C:\Program Files\AgenaTrader	Brov	vse]
Space required: 275.4MB Space available: 604.4GB Nullsoft Install System v3.0			
< Back Inst	tall	Cano	cel

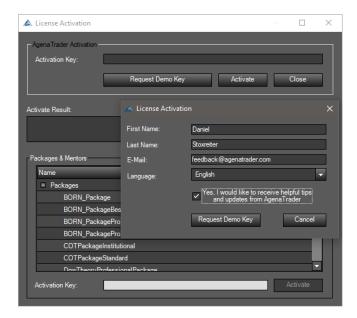


License activation

If you already possess an activation key, you can enter it here and click on Activate to confirm. When you do so, the program startup is continued.

License Activation						×
Agena Trader Activation						
Activation Key:	I					
	Request Demo Ke	y	Activate		Close	
Activate Result:			Activat	te Agena'	Trader	
Packages & Mentors						
Packages & Mentors		Activatio	n Kev			-
Name		Activatio	on Key			
	age	Activatio	n Key		2	
- Name ≡ Packages BORN_Pack	age ageBestandskunde	Activatio	n Key		/	
- Name ≡ Packages BORN_Pack	- ageBestandskunde	Activatio	n Key		f	
Name Packages BORN_Pack BORN_Pack BORN_Pack	- ageBestandskunde	Activatio	n Key			
Name Packages BORN_Pack BORN_Pack BORN_Pack	ageBestandskunde agePro ageProBestandskunde	Activatio	in Key			
Name Packages BORN_Pack BORN_Pack BORN_Pack BORN_Pack BORN_Pack	ageBestandskunde agePro ageProBestandskunde eInstitutional	Activatio	n Key			
Name Packages BORN_Pack BORN_Pack BORN_Pack BORN_Pack COTPackag COTPackag	ageBestandskunde agePro ageProBestandskunde eInstitutional	Activatio	n Key			

If you do not yet possess a license, you have the option to test the Andromeda version for 30 days free of charge. To do so, click the button *Request demo key* and carefully fill in the form. When you enter your valid email address, you automatically receive a key and the software is activated.





Data and brokerage

When you start up for the first time, you have to select the data feed and the broker account.

🖄 SetUp Your Datafeed/Broker - AgenaTrader 🛛 🗙
SetUp Your Datafeed/Broker
 Free (EOD) + Simulation Trading Default option. Free EOD Datafeed. It's supports Stock & Indexes EOD Data. Simulation Trading Broker.
Request new demo account
Request new demo Datafeed/Broker Account. Supported: Barchart, TaiPan.
 Enter credentials for existing account
SetUp your datafeed/broker connection settings for existing credentials.
Cancel Next

<u>Option 1:</u> Free (EOD) + Simulation Trading activates an EOD data feed for stocks and indexes. The charts do not tick, but rather update automatically every 15 minutes. In addition, a local trading account for simulated trading is connected.

Option 2: Request new demo account makes it possible for you to request a free demo for intraday data. The demo offer includes real-time data for Forex. Futures and stocks are provided with a 15-minute delay. For several stock exchanges, only EOD is displayed. An internal trading account for simulated trading is pre-configured and can be manually connected.

<u>Option 3:</u> If you already have a broker or data feed account with a partner, then this option enables you to enter the login details in AgenaTrader and create a connection. The connection is set up automatically. Attention! Certain accounts require separate software that must be installed in advance.

Please note! There is a separate connection guide for each connection. https://agenatrader.com/agenaspace-online-software-training/



After concluding the setup input for the data feed and broker, AgenaTrader starts up. Read and accept the Terms & Conditions in order to load the workspace. If you do not accept the conditions, AgenaTrader closes automatically.

🗻 Terms and Conditions	×
Terms and Conditions of INCLUDE Information Technologies Gmbh, AUSTRIA	-
1) General The following provisions regulate – in combination with the conditions contained in the order form – the contractual relationship between INCLUDE Information Technologies Gmbh and the user of Agena Trader Software, hereinafter referred to as the customer. Include Gmbh generally only enters into a contract on their own terms and conditions; deviating conditions of the contractual partner are only valid if Include Gmbh expressly consents to these in written form. These terms and conditions are available for inspection in their respective valid version and can be viewed on the internet under <u>Prins // accentrater com/center terms /</u> . With the conclusion of the contract according to point II, the following terms and conditions are deemed as agreed between Include Gmbh and the respective customer.	
2) Conclusion of Contract Only a natural person or legal entity as well as a company entered in the company register and without legal personality can be a customer of Include Gmbh. Include Gmbh is entitled to demand and collect all necessary information about the identity and creditworthiness as well as the legal and contractual capability of the customer as well as the proof of the existence of power of signature or of representation. Furthermore, upon the request of Include Gmbh, the customer must declare an inland mailing address as well as an inland paying agent.	
The offers of INCLUDE Information Technologies Gmbh are without obligation or commitment. The customer's order is obligatory as soon as INCLUDE Information Technologies Gmbh receives it. If INCLUDE Information Technologies Gmbh accepts the offer, an order confirmation will be sent. As soon as the customer receives the order confirmation, the contract becomes valid.	
 Warranty, Liability, Disclaimer a) In the case of product defects it is the customer's right to request supplementary performance. If the supplementary performance fails, the customer may decrease the compensation or choose to resign from the contract. b) You acknowledge and agree that Include Information Technologies (TradeEscort), its 	-
Reject Accept	



You have done it:

AgenaTrader starts up the workspace interface, with predefined charts and further functions. The sample image below shows the default workspace with EOD data from Gfeed and the simulation account.





The workspace

The main menu bar in the upper area contains all the functions that you can call up with AgenaTrader. It consists of several drop-down menus as well as a toolbar. All functions from the toolbar are also contained in the drop-down menus. However, the toolbar allows for easy access to functions as soon as you have familiarized yourself with the symbols.

🐣 AgenaTrader Universe - Default		- a x
Main Tools Strategy Handling Flatten Support - Licensing 📮 🕌 🛃 🛃 🛃 🛃 📾 🐼 🐼 🔯 🔯 🔛 🔍 💷 🕄 🔝 🖬 🔛 😭 👘 😨	🔨 👩 👫 SimAccount 4:50 PM 🖕	
🔣 World Indices - NonTimeBased 👔 DAX30 - EndOfDay 😰 Dox 30 - EndOfDay 📈 ES [11.16] 5 Min 🙀 NewList		▼ ×
💥 📪 🔁 🖉 🖉 👔 🦉 🦉 CEKDE 1 Day (Direct) Info Turbalong Hallandhaut MACDCrossOverLong		12.600 CEK.DE 1 View (Processed) Hambow(Clow, EMA. 2.50.2)
Symbol Perform Analyzer 10ay ADS DE -335		12.00 2 CD De 11/440 (Processel) 1000000000 200 2 00 2 0 2 1200 2 0 2 1200 2 0 2
Located in the lower area is the status bar:		
	11/2/2017 4:34:24 PM Connection	Connected to See Account

110

Here you will find a display for data and brokerage. As soon as a connection has been activated, the connection is displayed on the left. Located on the right-hand side are the progress bar for the loading of the data as well as warnings from the log. The general status of the system, internet, CPU and TradersYard is also displayed here, next to the version number. If updates are available, the download is shown next to the version number.



The area in the middle can be arranged according to your individual needs. This is where charts are opened and trading information is loaded or further functions are shown. Each tab can be detached. This gives you the possibility to shift charts and other windows to multiple monitors.



All your changes can be saved as a workspace. It is possible to set up an unlimited number of workspaces for various purposes.





Setting up and connecting a new broker and data feed

Open the account connection settings with this symbol

🎊 - | 😪 | 🗊 🔁 FP 🍙 🏦 🔂 | 🏦 | 🔅 --- 堅 🗶 🐻 🌋

Account Connection Set Up Connections Datafeeds Accounts	١		
Provider	Feed	Broker	Add
BrokerXTB	V		
BrokerSim		\checkmark	Request Demo
DatafeedYahoo	✓		Edit
Barchart	✓		Luit
BrokerDukascopy	✓	\checkmark	Remove
Broker	~		
BrokerIB	✓	\checkmark	
BrokerIB2	✓	\checkmark	
BrokerFXCM	✓	\checkmark	Disconnect All
		ОК	Cancel

Add: Add a new broker or data feed connection.

Edit: Edit an existing broker or data feed connection.

<u>Request demo:</u> Enables the automatic installation of a demo data feed from TaiPan (Lenz + Partner) or Barchart.

<u>Delete:</u> Remove an existing broker or data feed connection.

Connections: list of all broker and data feed connection

DF: check and activate every connection that you would like to use as a data feed *Broker:* check and activate every connection that you would like to use as a broker **Data feeds:** list of all data feed connections

Accounts: list of all broker connections

Please take a look at our connection guides in our education portal: https://agenatrader.com/agenaspace-online-software-training/



After the setup, your new connection appears in the connections tab. Here you can decide whether you would like to use this connection as a data feed (DF) or broker account (broker). Every connection that you set as a data feed is displayed in the data feed tab, and every broker connection is displayed in the accounts tab.

📥 Account Conne	ection Set Up	- □ >	× Account Connectio	on Set Up	—	
Connections Dataf	eeds Accounts		Connections Datafeeds	Accounts		
Datafeed	Instrument Types	Markets	Provider	Feed	Broker	Add
Barchart	Stock; Index	\sim	BrokerXTB	\checkmark		
Broker	Future		BrokerSim		$\overline{}$	Request Demo
BrokerDukascopy	Stock		DatafeedYahoo	✓		Edit
BrokerFXCM	└ Index Currency		Barchart	✓		Edit
BrokerIB	Option		BrokerDukascopy	\checkmark	\checkmark	Remove
BrokerIB2			Broker	✓		
BrokerXTB			BrokerIB	✓	\checkmark	
DatafeedYahoo	Markets Only		BrokerIB2	\checkmark	\checkmark	
			BrokerFXCM	✓	\checkmark	Disconnect All
		OK <u>C</u> ancel			ОК	<u>C</u> ancel

In the data feeds and accounts tabs you can set which instruments you would like to receive (data feed) and which you would like to trade (accounts).

To create a connection, please go to *Main->Connections->Connect* and select your connection.

Main	Tools Strategy H	lan	dling	Flatten	Support -	Lice	ensing	🎈 🧏 📕
	New	۲	1	DAX30 - Er	ndOfDay	🖔 Dov	v30 - Er	ndOfDay 📈 Es
1	Workspace	۲	+	× "	CBK.DE	1 Day	(Direct	.)
٩	Connections	•	ø	Connect		•	✓ G	iFeed
۰	TradersYard	Þ	**	Disconne	ct	•	✓ S	imAccount
2	Style	Þ	<u>.</u>	Add New	Account		Y	Feed
5	Backup/Restore	۲		Stop Histo	ory Loadin	9		
۲	Exit		aisno	ort Re				

For further details, please open our wiki at <u>https://agenatrader.com/wiki/</u> and search for "data feeds" and "multi-broker settings". These settings are crucial for the smooth operation of the multi-brokerage in AgenaTrader.



Instruments and markets: import mappings

Import Instruments & Instruments Lists Instruments Inst. Lists (General) Inst. Lists (Broker) Simple View Advanced View Datafeed/Broker: Barchart Dukascopy Econob FXCM FXFlat Gain Google Q-Feed InteractiveBrokers MBTrading Rithmic 🗌 TaiPan Tele Trader Yahoo Add connections Generate Instruments Lists 500 🔶 C Delete Import

| 🗐 🖙 🌾 | 🌌 🕾 🎼 🦰 III - | 🤹 | 🗊 🛛 FP 🍙 🎬 😂 | 🏦 | 🔅 💶 🗶 🗡 🐻 🌋

Within the instrument mapping tab, you can import the symbol mappings for the subscribed data feed providers. If an instrument already exists in the Instrument Escort, the mapping definition is added. If not, the instrument is first registered.

Simple view: this allows you to import the symbol mappings for the subscribed data feed providers

Advanced view: provides more details (data feed/broker, instrument types, stock exchanges)

Generate instrument lists: this allows you to automatically generate instrument type and instrument type & exchange.

Inst. lists (general): in this tab you can import general symbol mapping lists

Inst. lists (broker): here you can import specific symbol mappings lists for each broker

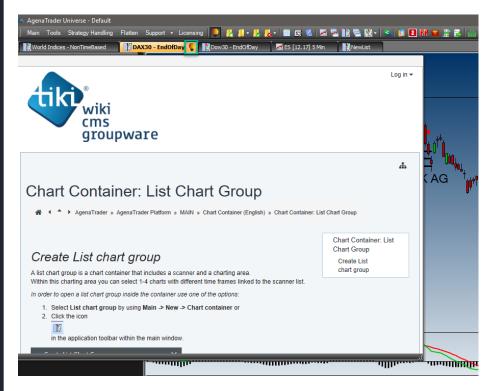


Education mode (software training)

To make it possible for you to quickly and easily access information about individual functions, we created the education mode. When the lightbulb in the main menu bar is activated, each open and active window in AgenaTrader also shows a lightbulb.

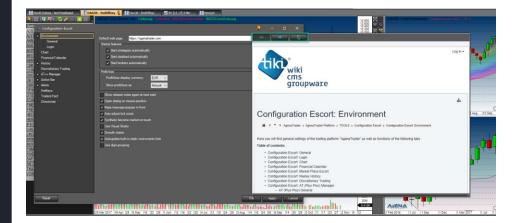
🛦 AgenaT	frader Unive	rse - Default							
] Main	Tools Strat	egy Handling	Flatten	Support	+ Licensing		📕 - 📙	- 🐻 -	
				ndOfDay	Dow30 - E	ndO Educa	tion mod	e	n 🔛 Nev
38 🚰	5- 🕄 🥖	े छ 📴 📑	X ;	CBK.D	E 1 Day (Direc	t) 🕴 📮 🖡	Education	mode	hort MAC
Symbol	Performanc	Analyzer 1Day	1]					
ADS.DE	-55	MACDCross	OverL						
ALV.DE	95								

With a click on the lightbulb, the online help (wiki) opens up with the corresponding article.





If there are several articles for one function, you will find a navigation bar at the upper end of the article.





Configuration Escort: general settings

Principally, all default values are set and the options in this menu only offer small optimizations. However, two important settings should be made.

🔺 Configuration-Escort				
 Environment General Login Chart Financial Calendar History Discretionary Trading AT++ Manager Action Bar Action Bar Alerts HotKeys Traders Yard Directories 	Default web page: https://agenatrader.com Startup features Start strategies automatically Start datafeed automatically Start brokers automatically Profit/loss Profit/loss display currency: EUR Show profit/loss as: Amount Show release notes again at next start Open dialog on mouse position Keep message popups in front Auto adjust tick sizes Synthetic become market on touch Use Visual Studio Smooth charts Autoupdate built-in static instruments lists Use digit grouping 			
Reset	ОК	Apply	Can	icel

<u>Start-up properties:</u> use the checkboxes to select whether strategies, data feed and broker connections should automatically start up when you start AgenaTrader.

<u>Profit/loss:</u> select the currency in which the profit or loss should be calculated. You can also select the display to be shown as amount, ticks, risk or percent for the chart position bars.



Configuration Escort: chart

The general chart settings are also predefined, but can be changed if you wish.

🔺 Configuration-Escort					-		×
 Environment General Login Chart Financial Calendar History Discretionary Trading AT++ Manager Action Bar Alerts HotKeys Traders Yard Directories 	Right Margin on Chart <n> %: Upper/Lower Margin on Chart <n> %: Snapshot Template: LCG: Default2 Snapshot History <candles>: Maximum Days to Load NTB Charts: Maximum Bars to Load in Time Period: Show indicator information Use ChartTraderBar boxes Manipulate confirmed order bars Autoscale chart trader bars Autoscale chart trader bars Autoscale chart trader bars Autoscale chart trader bars Link ChartGroups to static instrume Print white chart background Remember Price Scale Show info Show Spread Lines on QuickTrade Show Type of Data (Directly request</candles></n></n>	300 ♥ 20 ♥ 10000 ♥	TabChartGroup auto synchronization: Auto synch TimeFrame: Auto synch AgenaTrader++: Autoscale Price Panel: Exclude Weekends: From Fr. Sa. 00:00 To Su. Mo. 00:00 Secondary data series starting point First Requested First Visible Bar colors Profit color: Loss color: Background color: dditionally process by AT)				
Reset				ОК	Apply	Ca	ncel

<u>Right upper/lower free space in chart:</u> here you can select a margin so that the chart assumes a certain distance from the edges.

<u>Snapshot template:</u> each trade that is closed creates a snapshot that is saved as an image on your PC. In a template, you can select how the snapshot should be formatted.

<u>Load maximum days NTB and bars in the chart:</u> in order to improve the performance when loading the chart, there is a maximum number of historical bars that can be selected here.

Exclude weekend: this option should be deactivated if you trade in 24-hour markets that also deliver data at the weekend.

You can find further information on each individual point in the online help.



Charts and technical analysis

Charting options in AT:

Single chart, chart group, list chart group, tab chart group, chart gallery and dynamic scanner.



Single chart:

One chart with one instrument in one timeframe.

Single chart group:

Up to four charts with one instrument in up to four timeframes.

List chart group:

A list of instruments in up to four timeframes. The charts are located next to the scanner.

Symbol	Bid	Ask	[%]Perf	Analyzer Escort
YM	18109	18110	1,00	
NQ	4815,25	4815,50	0,50	
AAPL	117,51	117,60	-0,31	
GOOG				
Symbol		lame 🔘) ISIN	1
GOOG.C GOOG.U GOOG.U GOOGL, GOOGL	FD, ALPH/ I, Alphabet IS-XTB.CFI Alphabet I CFD, ALPH	c. Reg. Shi ABET INC-(Inc. Reg. S D, Google I nc. Reg. SI HABET INC e, US3825	CLC, Shares C, l nc, hares A, U -CLA,	

A simple way to add instrument symbols to the list is to select an empty row in the list and to type in the symbol, the name or the ISIN. Using the Delete button on the keyboard, you can delete the selected instrument symbol once more.



Tab chart group:

A list of instruments in up to four timeframes. Each instrument is opened as a separate tab.

Chart gallery:

The chart gallery makes it possible to overcome the limitation of up to four charts per container, and allows you to load an unlimited number of timeframes per instrument.

Dynamic scanner:

This function can only be used with an Andromeda version. It is a chart container that gathers all scans from the loaded Analyzer Escorts and shows them at a glance.



Working and navigating in the chart

Located at the upper end of the chart is the chart toolbar. This is where you can find all working tools that can be used in the chart. You will find an explicit explanation of each symbol using the lightbulb on the left-hand side.



Working with the mouse and keyboard

Mouse wheel	time axis zoom
Ctrl + mouse wheel	price axis zoom
Click and hold left mouse button	a data box for the selected candle is
	displayed
Right mouse button	context menu
Right mouse button and select area	zooms in on the selected area



Click and hold Ctrl + left mouse	this allows you to freely move the prices in
button and move in chart	the chart
Move price axis	click and hold the left mouse button over the
	price axis to shift it upwards or downwards
Move time axis	click and hold the left mouse button over the
	time axis to shift it to the left or right

Further navigation options:

When the mouse pointer is located in the time axis, you can use the mouse wheel to scroll the chart to the left or right. This also applies to the price axis. There, the chart is scrolled upwards or downwards.



General chart settings

🔺 Create chart			×
Instrument:	DTE.DE		
Periodicity:	Weeks		
Interval:	2]	
Period:			
 Bars count 		500	Ξ
 Time period 			
Template:	Default2.0_Empty -		
	ОК	Cancel	

Instrument: search for the symbol. Periodicity: select timeframe or data series. Interval: select the interval of the timeframe. Period: setting for histories. Number of candles: 500 bars means that 500 candles of a certain periodicity are loaded.

Time interval: select the calendar-based time

interval for loading the histories.

<u>Template:</u> opens a chart template with predefined settings.



📩 Create List Chart Group	×
Instruments List: Nasdaq100 🗸 🗖 Fav.	
Time Frames Bars count	
● Time period	
End: 11/ 3/2017 11:44:02 -	
Maximum Bars Loaded: 10000	
Predefined	
Time Frame	
1 Min	
5 Min	
🔲 10 Min	
15 Min	
30 Min	
1 Hour	
A Hour	
Add 🗸	
Template: Default2.0_Empty -	
OK Cancel	

Instrument list: a list of instruments is selected.

<u>Favor.</u>: saves the settings you have made as favorite settings.

Timeframe: setting for histories.

<u>Number of candles:</u> 500 bars means that 500 candles of a certain periodicity are loaded.

<u>Time interval</u>: select calendar-based time interval for loading the histories.

Maximum loaded bars: limits the loading of the histories to improve the performance.

<u>Timeframe:</u> up to four different timeframes or data series can be selected.

Add: Makes it possible to add further data series / timeframes.

Template: opens a chart group template with predefined settings.



Add indicators and conditions

Open the indicator dialog window using the chart toolbar:

▲ Indicators → → → × bol ▲ ▲ ✓ Selected Indicators and Conditions: ✓ ■ BolingerCose, 2, 20) → ✓ Macco ✓ Macco ✓ Macco ○ Calculate on closed b Tute Calculate on close close Calculate on	i DIS 5 Min → Ito Ito ↓ → ✓ ITO I I I I I I I I I I I I I I I I I I	अ् ्	■ • • • • • • • • • • □ ④ ② ③ ● • % ● N □ 99,35 99,30 99,25
Bollinger(Close, 2, 20) Info BollingerPercertB(Close, 2, 20) VolumeUpDown(Close) Name Description Indicators Turtle Cong Premium Indicators Turtle Short MACDC MACDCrossOverShot MACDC Scripted Indicators MACDD MACDC MACD Turtle Cong Turtle Long Long signal based on the famore TurtleShort Short signal based on the famore TurtleShort Short signal based on the famore Scripted Conditions Stripted Conditions Scripted Conditions Conditions Scripted Conditions Stripted Conditions Scripted Conditions Stripted Conditions		Selected Indicators and Conditions	
	Bollinger(Close, 2, 20) BollingerPercentB(Close, 2, 20) Name Description	Info MACD(Close, 12, 26, 9) VolumeUpDown(Close) TurtleLong TurtleShort MACDCrossOverShort MACDCrossOverLong	General Auto adjustable scale False Calculate on closed b True Caption Bollinger(Close, 2, 20) Displacement 0 Required bars count 20 Show price marker(s) True Input Input Input Input Input Time-Frame (Empty) Parameters ont of StdDev. 2 Period 20 Visual Chart Panel Same as input series Outputs Display Style Plots Visualization Color Middle&Lower Color Upper&Lower Transparency 25 Caption Bollinger Bands®y which were developed by John Bollinger Bands®y which were developed by John

This area is where all available indicators are displayed.

• Over 110 standard indicators are already included in this version. Premium indicators are only available if you own the corresponding add-on

(https://shop.tradersyard.com/).

• Scripted Indicators displays entries if you have scripted indicators with AgenaTrader.

• Conditions contains all the conditions you have created using the Condition Escort.

• Programmed Conditions displays entries if you have scripted conditions with AgenaTrader.



With a double click, the selected indicator is added to the list and your chart.

SELECTED INDICATOR LIST:

This area displays all indicators and conditions that have been added from the indicator list.

INDICATOR PARAMETERS:

Displays the indicator-specific settings that are available for editing. For this, the loaded indicator must be selected in the yellow area.

As soon as you click the button *Apply* or *OK*, the changes are applied to the chart. If you click *Cancel*, the window closes without saving the changes.



Apply drawing objects

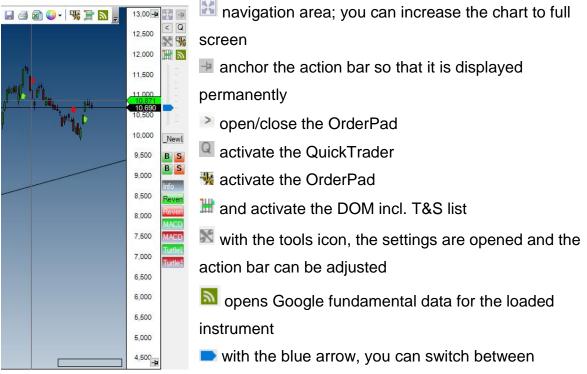


After selecting a drawing object, the mouse pointer becomes a pen. By holding down the mouse button, you can place a drawing on the chart. Right-click deactivates the drawing object and the normal mouse pointer is available once more. After an object is drawn in the chart, such as a trend line, you can double-click to open the settings window, allowing you to customize the drawing.





Action bar



timeframes very easily

and you can also add quick buttons for instrument lists to this area, where you can insert the currently displayed symbol into this list

In the middle AT++ entry area, you can set each one of your entries so that these are displayed as quick buttons here. B (\mathbb{B}) is used for a long position; S (\mathbb{S}) for a short position.

In the lower indicator area, you can set all your indicators and conditions so that they are displayed as quick buttons. When you hover over an indicator with the mouse, it is displayed until you move the mouse away. When you click on an indicator button, this indicator is displayed in the chart until you click on the button once again.



To access the action bar settings (2 methods):

- 1. In the main menu, select *Tools*, then *Settings* and *Configuration Escort*. Open the tab *ActionBar*. Settings that are made here are generally transferred to all action bars in the current workplace.
- 2. Right-click in the action bar or click on the tool icon. This is where you can carry out settings just for this individual chart.

Workflow tip:

Add an instrument list to the action bar. The currently opened chart symbol can quickly and easily be added to or removed from the instrument list button of the action bar.



To add an indicator to the action bar, open the action bar settings as described on page 32 and navigate to the indicator tab. There, select *Edit*, then the indicator window opens up and you can select your indicators as described above.

📩 Action Bar	_		×
Default Indicators		Move Up	
Info			
ReversalLong_GreenBar	N	love Down	
ReversalShort_RedBar		Edit	
MACDCrossOverLong			
MACDCrossOverShort		Remove	
TurtleLong			
TurtleShort			
General Indicators Entry Escort TimeFrames Instrument List Drawings Price Style 4			
Default OK Apply Apply	for All	Cano	el

For further details on this, such as how to use indicators in the chart and the action bar, please visit our education channel https://agenatrader.com/agenaspace-online-software-training/.



Instrument Escort: instruments and lists

🔟 🛱 🌠 🖉 😤 🎇 😓 🎊 - | 🤹 | 🗊 🔁 FP 🍙 🎬 🛃 | 🏦 | 💮 🗢 🗶 🗶 🎯 🛸

<u>Search (left)</u>: enter the symbol (e.g. AAPL), the full name (Apple Inc.) or the ISIN number that you are searching for. Double-clicking on the search result selects the instrument.

🔺 Instruments	_							- 0	×
aapl • Symbol • Name • ISIN	Details Instrument	Lists							
Type: All Exchange: All APL, Apple Inc., Stock, US0378331005	Symbol:	AAPL	_	_	I	SIN: US0378	331005		ETF
AAPL-EUR.SW, Apple, Stock, AAPL.CFD, APPLE INC, CFD,	Name:	Apple Inc.					Currency:	USD	\sim
AAPL.FXFLAT.CFD, Apple Inc, CFD, AAPL.JFD, Apple Inc, CFD, AAPL.SW, Apple, Stock, US0378331005	Instrument Type	Stock	~	Exchange	Nasda	aq 🗸			
🔹 🏦 CFD	Tick size:	0.0100	000 ≑ 📄 Fixed	d Point Valu	e:	1.00 ≑	Margin%:		0.00 ≑
■ (∰: Currency ■ (∰: Future	Scale Size:	0.0100	0000	Def. OrderSi	ze:	0 🗢	3		
∎ _ math Index ■ _ math Option	Main Sector:	Consumer	Goods						
na in the stock state of the st	Detail Sector:	Electronic	Equipment						
	Comment:	Comment	Here						
🔹 📶 Dynamic Lists									
→ 📶 Screener Presets + 📶 Static Lists	Trading Hours (_							
	E	kt. Start:	-5.5 🌲 Start	: 15:30	End:	22:00	Ext. End: 5	.0 ≑	
	Provider		Symbol	Cont.	Comm. N	Margin I	Min Qty	Max Qty	N ▲ S
	AgenaTick		831814	Ļ	С	1			1 ≣
	TeleTrader		831814	4	С	1			1
	Yahoo TaiPan		AAPL AAPL.Q	4	C C	1			
	InteractiveBroke		AAPL.Q		C	1			
					-				
Select Import/Export v Cancel <	Save	Res		we -			Submit c	orrected map	

Instruments and lists build menu (left): select individual instruments or entire instrument lists for further editing. For instrument lists, you can choose between *static lists* (created or edited by a user), *dynamic lists* (predefined lists that are automatically updated) and *screener presets* (lists that are automatically updated based on scanning activities).

Details (right): add new instruments or edit existing instruments in the details tab.

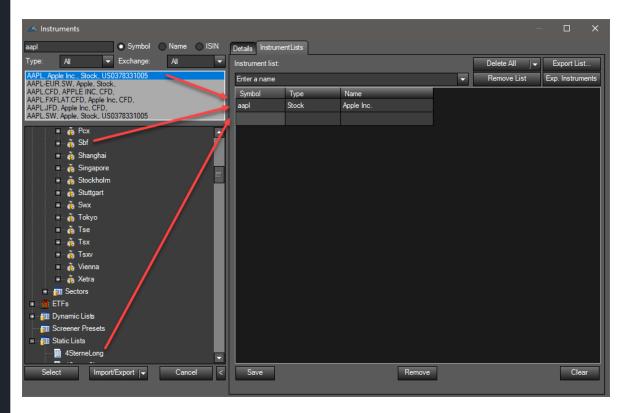
Details – providers and mappings (below): here you will find symbol-specific mappings for each broker and data feed. If your broker or data feed is not shown here, you have probably not imported the mappings for this symbol yet.



Instrument lists

In the <u>instrument lists tab (right)</u> you can create lists or edit existing lists. To add an instrument to a list, you can use one of the following methods:

• Enter the symbol manually in the cell highlighted in blue.



- Use the search to type in the symbol, name or ISIN and use the filter function. The located instrument can then be loaded into the list with a double-click or using drag & drop.
- Select the desired instrument or list and use drag & drop to move it from the lefthand side to the right-hand list.

(Clicking on the build menu selects an instrument or an instrument list, which can then be shifted into a new list using drag & drop.)



Scanner

The scanner is part of the list chart group chart container, and can display selfprogrammed conditions in multiple timeframes. It can also scan for conditions that were created in the Condition Escort. Signals that are found are displayed as **1** for long entries and (minus)-**1** for short entries. You can then manually enter a discretionary trade. The signals from the Analyzer columns are linked to a trading setup and are activated with a double-click in the chart. You can find further information on signals and trading setups down below under AT++ Manager.

You can access the scanner by creating:

- a watch list (Main -> New -> Watch) or
- a list chart group (LCG)
 Main -> New -> Chart Container
 -> ListChartGroup.

Main Tools Strategy	Handling) Flatten Support - Licensing 🛛 🍨 🛛 🛃 -	
New 📔	• 😣	Chart Container 🔹 📈 Single Chart	
y 🗹 Workspace	•	Watch 🛛 🛃 Single Chart Group	
S S Connections	• 📋	Hedge Escort 🛛 🚯 List Chart Group	
A 💿 TradersYard	, 2	3rd Level Box 📃 Tab Chart Group	
A 🦪 Style	• FP	Forex Pad 🔛 Chart Gallery	•
		Portfolio Mixer Dynamic Scanner	
🗾 🔜 Backup/Restore		DOM	

Symbol	Name	MainSector	Ask	Bid	Last	RSI	Chart	MTProOu	MTProEar	MTProRe	Analyzer 1	Analyzer	Analyzer
AAPL	Apple Inc.	Consumer Goods	159,96	159,95	159,96	51,55	\sim	0	0	0		MTProRever	
AXP	American Express Co.	Financial	87,44	87,43	87,44	61,10	Creating char	0	0	0	MTProOutsid	MTProRever	
BA	Boeing Co. (The)	Industrial Goods	252,16	252,12	252,11	72,20		0	0	0	MTProOutsid		MTProOutsid.
CAT	Caterpillar Inc.	Industrial Goods	123,72	123,70	123,72	70,95	Creating char	0	0	0	MTProEarlyP		MTProOutsid.
CSCO	Cisco Systems, Inc.	Technology	32,58	32,57	32,58	58,35	mm	0	0	0	MTProOutsid	MTProOutsid	MTProOutsid.
CVX	Chevron Corporation	Basic Materials	114,77	114,76	114,77	74,10	Creating char	0	0	0			
DD.S	Du Pont (E.I.) de Nemours & Co	Basic Materials	84,97	84,33	83,93	59,75		0	0	0	MTProOutsid		
DIS	Walt Disney Company (The)	Services	98,09	98,08	98,08	38,60	Creating char	1	0	0			MTProOutsid
GE.S	General Electric Co	Industrial Goods	24,13	24,12	24,13	38,65	$\sim\sim$	1	0	0			MTProRever
GS	Goldman Sachs Group, Inc.	Financial	227,74	227,67	227,69	53,65	Creating char	0	0	0	MTProOutsid	MTProRever	
HD	Home Depot Inc	Services	158,50	158,48	158,49	61,95	\sim	0	0	0			
IBM	International Business Machine	Technology	144,92	144,90	144,92	53,10	Creating char	-1	0	0			
INTC	Intel Corporation	Technology	37,10	37,09	37,10	70,55	$\sim\sim$	0	0	0			MTProOutsid.
JNJ	Johnson & Johnson	Healthcare	135,07	135,05	135,12	57,95		0	0	1	MTProEarlyP	MTProRever	MTProOutsid.
JPM	JPMorgan Chase & Co.	Financial	92,74	92,73	92,74	53,90	~~	0	0	0			MTProOutsid.
КО	Coca-Cola Co (The)	Consumer Goods	46,03	46,02	46,03	55,20	Creating char	0	0	0			
MCD	McDonald's Corp	Services	157,27	157,25	157,26	45,95	Creating char	0	0	0			
MMM	3M Co	Industrial Goods	213,28	213,23	213,24	70,40	Creating char	0	0	1	MTProOutsid	MTProRever	MTProRever.
MRK	Merck & Co., Inc	Healthcare	65,94	65,93	65,94	75.20		-1	0	0	MTProOutsid		
MSFT	Microsoft Corporation	Technology	75,85	75,84	75,85	62,35	Creating char	0	0	0		MTProOutsid	MTProOutsid.
NKE	NIKE Inc	Consumer Goods	53,81	53,80	53,81	44,85	-	0	0	0			
PFE	Pfizer Inc	Healthcare	35,34	35,33	35,34	69,45	Creating char	0	0	0			
PG	Procter & Gamble Co.	Consumer Goods	93,45	93,44	93,44	61,15	Creating char	0	0	0			MTProEarlyP.
TRV	Travelers Companies Inc (The)	Financial	120,84	120,81	120,82	44,25	Creating char	0	0	0			
UNH	UnitedHealth Group Inc	Healthcare	198,24	198,19	198,20	58,35	Creating char	-1	0	0			
UTX	United Technologies Corp.	Industrial Goods	113,06	113,02	113,06	44,90	Creating char	0	0	0			
V	Visa Inc.	Financial	105,40	105,39	105,40	62,20	Creating char	0	0	0			
VZ	Verizon Communications Inc	Technology	47,80	47,79	47,80	55,70	~~~	0	0	0	MTProEarlyP3		
WMT	Wal-Mart Stores, Inc.	Services	80,84	80,83	80,84	57,80	Creating char	0	0	0			
XOM	Exxon Mobil Corp.	Basic Materials	79,97	79,96	79,97	65.85		0	0	0			



The scanner columns can have various colors: Green: indicates a long position Red: indicates a short position Blue: indicates suggested but not confirmed orders

All settings options for the scanner can be found using the toolbar. A right-click opens the context menu. All functions from the context menu are also located in the toolbar. If you carry out changes in the Entry Escort list within the Setup Escort activation tab, the scanner for the LCG or watch list must be reloaded.

View of scanner and chart:





Discretionary trading

Standard trading pad

Using the action bar on the right next to each chart, you can open the standard trading pad. The pad enables you to make order settings and send them to the broker simply by clicking.



Quantity: selects the order size

Buy or sell button: creates an order that is immediately sent to the broker

Order types:

Market:

Order without specification of a price limit, where the entire order is to be carried out as quickly as possible at the next possible price. With market orders, however, due to a slippage you run the risk of getting a worse price than what the original entry price was set at. Particularly for illiquid stocks, this can get expensive.



Limit:

Order with specification of a price limit.

• A limited buy order should be executed at the price limit or at a lower price.

•A limited sell order should be executed at the price limit or at a higher price..

Stop:

A stop order is characterized by the fact that – as soon as the specified price level is reached – it is automatically placed into the market (order book) as "best order" (market). This order type is therefore a combination of a stop with a market order.

StopLimit:

A stop limit order is characterized by the fact that – as soon as the specified price level is reached – it is automatically placed into the market (order book) as a limited order (limit). This order type is a combination of a stop with a limit order.

Order expiry:

GTC (Good till Cancel): an order is valid until it is manually closed.

GTD (Good till Date): the order has an expiry date and time.

Day: the order is only valid for one day.

You can read about further settings in the online help (wiki).



Order connections

In AgenaTrader it is possible to map out complex order constructs.

For this, the following order connections are available:

- OCO (One cancels Other): means that as soon as one order is executed, the second connected order is deleted.
- IfDone: means that as soon as one order is executed, the second connected order is activated.
- ORO (One reduces Other): means that as soon as one order is executed, the order size of the second order is reduced by the order volume of the first order.

OCO (red): Ctrl+left click

ORO (blue): Ctrl+Alt+left click

IFDone (green): Alt+left click

Example with all order connections:

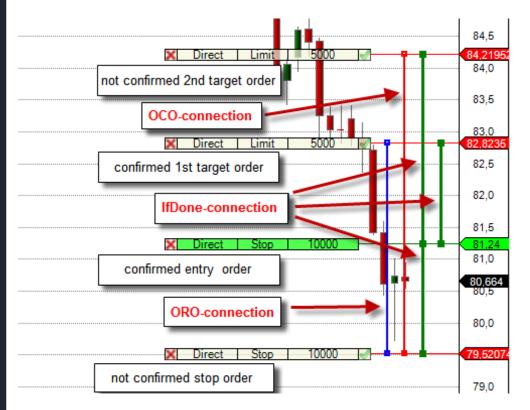
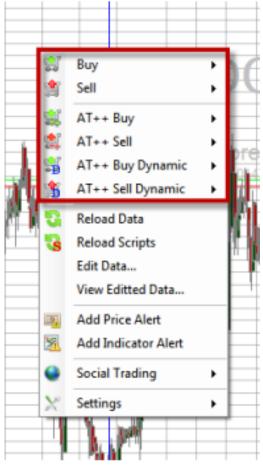




Chart trading



Discretionary trading

There are various tools at your disposal that make it possible for you to carry out discretionary trading. One of these is the chart trading. With a right-click in the chart, you open up the context menu. Select Buy or Sell and the order type. The created orders can be linked to each other by means of so-called IfDone, OCO and ORO connections. You can find further informative material on this topic in our online help.

AT++

(semi-automated and fully automated trading) AT++ orders can be created just the same as normal orders. In addition, you can also select

a strategy that was defined in the Setup Escort. This strategy automatically creates the above-named connections as well as the option of a trailing stop. You can find more information on AT++ further down in this document.



Further discretionary trading tools



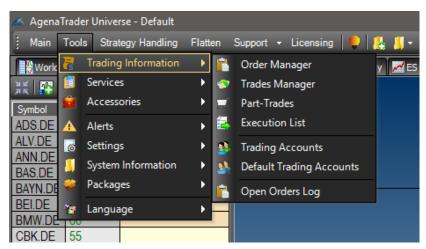
✓ <u>Depth of Market</u> (DOM [™]) offers full functionality for placing orders in the market.

- \checkmark <u>Times&Sales list</u> \blacksquare displays price, volume and the most recently traded time.
- ✓ ForexPad^{IP} offers quickly executed entries in long or short positions.
- \checkmark <u>3rd Level Box</u> ¹² can be used as a trading pad.
- ✓ <u>QuickTrader</u> ^Q makes it possible for the user to rapidly enter orders and strategies directly in the chart. It is located in the action bar.
- \checkmark <u>Hot Keys</u> key combinations for trading can be created using the Configuration Escort in order to place orders.



Trading information

The trading information is accessed using the main menu toolbar in the "Tools" category. The trading information is a logical grouping of all tabs that are relevant for trading. This grouping can be defined and customized according to your wishes.



- Order manager a contains all currently active or already executed orders.
- Trades manager scontains the individual trading decisions that were made in various timeframes.
- Partial trades ^I separates trade fragments, e.g. from the entry to target 1.
- Executions 🗟 displays the order executions (as well as partial executions).
- Trading accounts ^{Se} displays detailed account information related to the currently connected broker.
- Standard trading accounts: if an IB FA account is connected, this makes it possible to switch between the main and sub-accounts.
- The order log provides you with quick access to the right data for orders in case particular errors occur.



View of the trading information in the workspace:

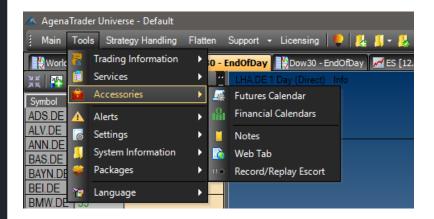
Acc	counts Tra	ades (2)	Part-	Trades 0	rder Mana	iger Exec	utions													▼ ×
Filt	ilter 🔗																			
Li	ast Change From: 11/ 2/2011 To: 11/ 3/2011 All Accounts Apply +																			
	Account	Excha	Туре	Instrumer Name	Symbol	Direction	Time Frame	Entry Time	Entry Reason	Entry Price	Entry AvgPrice	Quantity	Invest Value	Last Change	Exit Reason	Exit Price	Exit AvgPr	Volume Closed	Price	Exit Curre
1	SimAc	Xetra	Stock	DEUT	LHA.DE	Long	1 Day	11/3/	Discret	27.64	27.64	100	2,76	11/3/					27.63	
2	SimAc	Xetra	Stock	DEUT	DBK.DE	Long	1 Day	11/3/	Discret	14.63	14.63	100	1,46	11/3/					14.605	
	Total																			



Accessories and system information

The info center can be accessed from the main menu toolbar via the "Tools" category. The info center contains differently positioned tabs that the user can organize optimally according to his or her wishes.

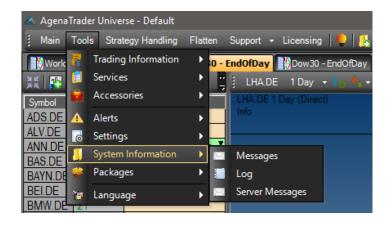
The following tabs can be placed in the info center:



- Notes 🔍 with this, you can take notes on every trading day.
- Web tab offers internet access in AgenaTrader without having to open a browser.
- With the futures calendar you can open all imported futures markets and the available contracts at a glance.
- The financial calendar displays economic data, earnings, holidays and dividend days. Alerts can be activated with just a few clicks on the symbols.



- Messages contains various trading-specific information.
- Log Contains system and application-specific information.





Support services

AgenaTrader offers you the option to create a backup so of the entire system. If you ever lose data due to unforeseeable circumstances, you can implement the most recently created backup and thereby restore lost data.

📥 Backup		×
Simple (Recom	mended)	Advanced
User data backup	location is set to:	
C:\Users\Nicolas\		
Options		
✓ AgenaTrader	executable	
✓ AgenaTrader	environment (trading journal, works	paces, packages, conditions, indicators, accounts
AgenaTrader	data (logs, history, replay, snapsho	vots)
Required space: 36	61.45 MB	
Run backup on	a schedule (Recommended)	
How often:	Weekly	•
What day:	Sunday	•
What time:	12:00	•
Max size:	0	МВ
Apply		Backup Close

Using the simple mode, you can specify the location in which the backup should be saved, and organize a timetable for when the backup should be carried out (periodicity, date, time, size).

The advanced mode offers you more options. You can select packages (indicators, conditions and more) that should be saved.



The hot keys are another great feature with which you can configure AgenaTrader for faster use. You can access the hot keys popup in the Configuration Escort menu.

👗 Configuration-Escort		-		×
Environment	Category:			
General	Chart Groups			-
Login	Commands:			
Chart	Command	Key		
Financial Calendar	All Charts Descrease TimeFrame	Ctrl+Alt+Subtract		
■ History	All Charts Increase TimeFrame	Ctrl+Alt+Add		
Discretionary Trading	Mark Item	None		
 AT++ Manager 	Maximize/Minimize Chart	None		
Action Bar	Reload	None		
* Alerts	Reload selected instrument lists	None		
- HotKeys TradersYard	Reset Marked Item	None		
Directories		None		
	New Hot Key for this Action: Ctrl+Alt+Subtract Assign Clear Remove			l
Reset		OK Apply	C	ancel



Alert settings

In the Configuration Escort you will find the alerts. Here you can configure alerts (price alerts, time alerts, indicator alerts, activate/deactivate alert).

👗 Configuration-Escort					-		×
Configuration-Escort Configuration-Escort Ceneral Login Chart Financial Calendar History Discretionary Trading Action Bar Action Bar Interference Traders Yard Directories	Price Alerts E-mails Message Box Ime Alerts E-mails Message Box Indicator Alerts E-mails Message Box Disconnect Alerts E-mails Message Box Advanced Alert Style	Sound Nobile Sound Sound Sound Sound Sound Mobile Sound Mobile Secution	E-mails Aggregation Timeout: 00:05:00				×
Reset				OK	Apply	Cai	ncel

- Emails: activates or deactivate the option to receive an email for each alert that is triggered.
- Message box: opens a popup when the price alert is triggered.
- Sound: activates sounds for the alert.
- Mobile: activates the Mobile Notifier (the AgenaTrader Notifier app for Google Android and Apple iOS Smartphones can be connected to AgenaTrader so that you receive status, alert and trade info).



Automated chart analysis and trading

AgenaTrader Plus Plus (AT++)

AgenaTrader++ comprises several innovative functions for professional trading that make it possible to specifiy individual rules for an automated trading strategy.

This includes semi and fully automatic setup and trade management components, integrated risk and money management with automatic order size classification, the signal scanner (Analyzer) and further functions.

With a left-click on the ¹ symbol within the chart toolbar, an AT++ strategy is made active. The arrow next to the symbol allows you to select a specific Analyzer session. A session contains the active AT++ strategies. However, an AT++ strategy is also automatically started when a signal from the scanner (Analyzer) is activated by double-clicking.

🕴 CBK.DE - 1 Day 👻 🛛 👦 🎼 🗸 🗸 🖉 👘 🗸	@ @ ← # - ♀ - ┉ - @ Ⅲ - 늘 - ⊾ - ◙	• 🏢 - 📲
CBK.DE 1 Day (Direkt)		12,500
Info		
TurtleLong		12,000
TurtleShort		
MACDCrossOverShort	i,	11,605
MACDCrossOverLong	MACDCMASDQetEsQtverShort	
		11,000

Before starting an AT++ strategy, however, it must first be configured.

The AT++ Manager contains and connects the following functions:

Condition Escort:

Entry or exit signal and condition (drag & drop creation). Conditions can subsequently be scanned with the signal scanner (Analyzer Escort) in hundreds of markets simultaneously and in real time.

You can find more information on this further down in this document.



Setup Escort:

This is where trading strategies are assigned to a condition of the Condition Escort. As an alternative, you can also configure manual trading strategies without a signal. *You can find more information on this further down in this document.*

- This is where Analyzer sessions are created that can be added as a column in the signal scanner (Analyzer Escort). Subsequently, in an Analyzer session, the Entry Escorts (entry strategies) are then activated.
- Under configuration, following this, each Entry Escort is assigned a trading strategy. This involves a stop loss and target orders as well as an optional trailing stop loss that can be applied.
- All parameters are preconfigured and do not need to be changed. But you have the optional possibility to individually adjust the parameters. In this context, the BreakEvenStop is a very popular parameter that can be used.



Risk and money management:

The settings defined here make it possible to calculate the order size automatically. This applies to every AT++ trading setup from the Setup Escort, regardless of which symbol you are trading. While in the Setup Escort, the risk per trade is calculated using the initial stop strategy, the risk management enables risk calculation based on your account size or a fixed sum.

Signal scanner and Analyzer Escort:

A scanner is loaded either via the watch list or the list chart group. When you add an Analyzer, all active Entry Escorts of the selected Analyzer session are immediately scanned in all loaded instruments and displayed as a long or short signal. *You can find more information on this further down in this document.*



Order Escort: managing your orders

This tool consists of a window that contains more entry parameters for submitting orders than the normal order entry dialog window.

Direct		Synthetic	c i			
Limit		Limit				
StopLim	it	StopLimi	t			Flatten Trade
Stop		Stop				
Market						trading
Trade T	arget	Account	t			
- Trade				СВК.С)E	1 Day
Entry:	11.88	3 ~	0	۲	Bu	y 🔵 Sell
Size:		800	÷	Pos. Size:	8(00
H-Trail:	11.43	38 ~	Ô	Soft Trail:	1	1.549 🗸
H-Risk:	353.6	5		Soft Risk:	20	64.8
Strategy				[Freeze
Entry:	Ma	nualMode				1.00 🗠
Init. Stop:	AT	R				
Hard Trai	I: Bol	lingerBand	ls		~	🗌 Halt
Soft Trail:	Eig	htTrail			~	🗌 Halt
Target:	Piv	ot2Levels			~	
				- 9	Sav	e Setup
Discretion	ary			100		
Quantity:	-	D D'''	-	100 🖨		51
Buy-Ask		Buy-Bid	4	Buy-Mkt.	-	Flatten
Sell-Ask		Sell-Bid		Sell-Mkt.		Reverse

Order buttons (top): the order buttons are categorized into three areas: direct orders, synthetic orders and scale-in orders. The functionality of all available buttons is always used for an entry order.

Trade box (middle): the trade box displays relevant information on the current trade parameters, such as: entry price, stops, order and position size and the current risk.

Strategy box (middle): the strategy box suggests a setup based on selected or calculated entry signals.

Discretionary trading (bottom): with these buttons, you can quickly place orders in the

chart, flatten and even reverse them. The reverse button also works for AT++ trading strategies.



View of the Order Escort in the chart, which is opened using the action bar when AT++ is active in the chart.





Advanced scanner

AgenaTrader has developed an extremely innovative scanner (Analyzer Escort) that makes it possible to scan hundreds of instruments in real time. As soon as signals that have occurred fulfill the requirements of the predefined parameters within the Setup Escort, the Analyzer Escort displays these in the corresponding column. Located signals are displayed in green for long entries and red for short entries. You can double-click on the signal in the scanner to enter a semi-automated AgenaTrader++ trading strategy.

Symbol	Name	MainSector	Ask	Bid	Last	RSI	Analyzer 1Min	Analyzer 5Min	Analyzer 1Hou
DIS	Walt Disney Com	Services	97,91	97,90	97,90	38.60	MTProEarlyP3 [1]		MTProOutsideBar
GE.S	General Electric Co	Industrial Goods	24,26	24,25	24,25	38.65			MTProReversalB
r RV	Travelers Compan	Financial	120,92	120,89	120,89	44,25			
IKE	NIKE Inc	Consumer Goods	53,73	53,72	53,73	44,85	MTProOutsideBar		
JTX	United Technologi	Industrial Goods	112,99	112,97	112,98	44,90	MTProOutsideBar		
1CD	McDonald's Corp	Services	157,10	157,06	157,09	45,95	MTProEarlyP3 [1]	MTProEarlyP3	MTProOutsideBa
APL	Apple Inc.	Consumer Goods	159,58	159,57	159,57	51,55			
3M	International Busin	Technology	144,76	144,75	144,76	53,10	MTProOutsideBar		
SS	Goldman Sachs G	Financial	227,74	227,70	227,72	53,65		MTProEarlyP3 [1]	MTProP2Breako
PM	JPMorgan Chase	Financial	92,85	92,84	92,85	53,90			MTProOutsideBa
(0	Coca-Cola Co (The)	Consumer Goods	45,92	45,91	45,91	55,20			MTProOutsideBa
Ζ	Verizon Communi	Technology	47,67	47,66	47,67	55,70		MTProOutsideBar	
VMT	Wal-Mart Stores, I	Services	80,70	80,69	80,69	57,80			
NJ	Johnson & Johnson	Healthcare	135,70	135,68	135,70	57,95		MTProOutsideBar	MTProOutsideBa
SCO	Cisco Systems, Inc.	Technology	32,64	32,63	32,63	58,35			
JNH	UnitedHealth Grou	Healthcare	198,31	198,27	198,32	58,35			
D.S	Du Pont (E.I.) de	Basic Materials	84,97	84,33	83,93	59,75	MTProOutsideBar		
XP	American Express	Financial	87,52	87,51	87,51	61,10			
G	Procter & Gamble	Consumer Goods	93,20	93,19	93,20	61,15			
ID	Home Depot Inc	Services	158,31	158,29	158,32	61,95			
	Visa Inc.	Financial	105,22	105,21	105,21	62,20		MTProOutsideBar	
1SFT	Microsoft Corpora	Technology	75,57	75,56	75,57	62,35			
MO	Exxon Mobil Corp.	Basic Materials	79,91	79,90	79,91	65,85		MTProOutsideBar	
FE	Pfizer Inc	Healthcare	35,39	35,38	35,38	69,45			
1MM	3M Co	Industrial Goods	213,47	213,45	213,46	70,40			MTProReversal
NTC	Intel Corporation	Technology	37,25	37,24	37,25	70,55	MTProEarlyP3 [1]		MTProOutsideBa
AT	Caterpillar Inc.	Industrial Goods	123,52	123,51	123,52	70,95	MTProReversalBars	5	
A	Boeing Co. (The)	Industrial Goods	252,34	252,29	252,32	72,20	MTProEarlyP3		
VX	Chevron Corporati	Basic Materials	114,68	114,67	114,68	74,10			MTProReversa
1RK	Merck & Co., Inc	Healthcare	65,99	65,98	65,98	75.20	MTProEarlyP3 [1]		

You can find additional AT++ scanner functions in the Analyzer Escort area. The columns in the scanner can be organized using drag & drop.



Analyzer Escort column: signal scanner

Right-click in the scanner column and select the option "edit columns" to call up the scanner columns editor. The columns editor can also be opened using the pen in the chart toolbar. With the columns editor, you can add (or remove) numerous columns to (or from) the scanner.

Columns editor

Search and build menu (left): this enables you to add (or remove) numerous columns from (or to) the scanner. Using drag & drop or by double-clicking, the selected element can be shifted from the left to the middle.

📥 Columns					-		×
	Al	Selected Columns:	•	\$↓ 🖻			
		Symbol Name	~	Display Back color			
		Name Main Sector		Font	(none)		
		Ask		Relative column width Decimal places	2 5		
		Bid	~	General			
🗄 🐺 Premium Indicators		Last		Session Signal Direction	Standard None		
		RSI Analyzer 1Min		Show Signal Outside	True		
- Scripted Conditions		Analyzer 5Min		Calculate on closed b Required bars count	True 200		
Analyzer Escort		Analyzer 1Hour		Caption	Analyzer 5Min		
Quick Chart			Š	Input & Output Time-Frame	5 Min		
Pause				Input Series	Close		
			6	ssion			
		Remo	 Ana	ssion alyser Escort Session. perty and will be displa	It is replace 'C ayed in column	Caption' header	
				ОК	Apply	Car	ncel

Selected columns (middle):

List of the columns that have been added or that already exist in the scanner.



Parameter box (right):

Makes it possible for you to define various scanner column (or watch list) parameters. When doing so, the element must be selected in the middle so that you can edit the parameters on the right.

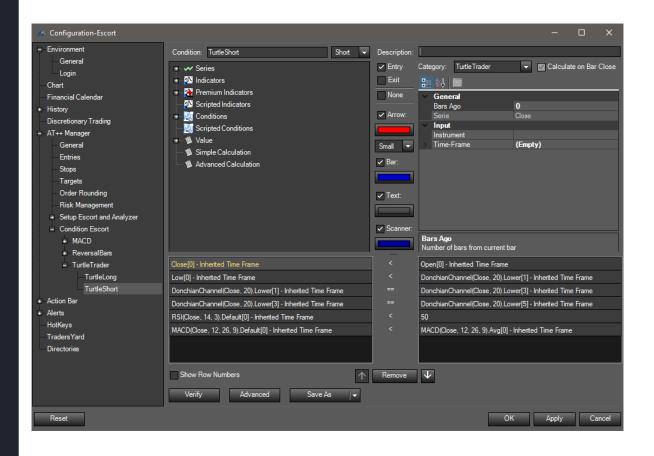
A further option for adding an Analyzer is to use the scanner toolbar. There are two symbols just for this, which you can see marked in green at the bottom of the image. To add an analyzer, you must select an Analyzer session, which is created in the Setup Escort. In addition, a timeframe must also be selected. You can find further settings options for the Analyzer Escort in the columns editor. There you can, for example, change the number of bars for calculating the signals.

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Symbol	Name	MainSector	Ask	Bid	Last	RSI	Analyzer 1Min	Analyzer 5Min	Analyzer 1Hour
DIS	Walt Disney Com	Services	97,91	97,90	97,90	38,60	MTProEarlyP3 [1]		MTProOutsideBar
GE.S	General Electric Co	Industrial Goods	24,26	24,25	24,25	38,65			MTProReversalB
TRV	Travelers Compan	Financial	120,92	120,89	120,89	44,25			
NKE	NIKE Inc	Consumer Goods	53,73	53,72	53,73	44,85	MTProOutsideBar		
UTX	United Technologi	Industrial Goods	112,99	112,97	112,98	44,90	MTProOutsideBar		
MCD	McDonald's Corp	Services	157,10	157,06	157,09	45,95	MTProEarlyP3 [1]	MTProEarlyP3	MTProOutsideBar
AAPL	Apple Inc.	Consumer Goods	159,58	159,57	159,57	51,55			
IBM	International Busin	Technology	144,76	144,75	144,76	53,10	MTProOutsideBar		



Condition Escort: creating your own signals and conditions

The Condition Escort^I is a further important feature of AgenaTrader. Here you have the possibility to program your own conditions without prior programming knowledge using drag & drop, or you can use AgenaScript if you are already familiar with programming. The scanner uses these conditions to scan the market. You can find this tool in the main menu toolbar under "Strategy Handling".





Setup Escort: manual or automated trading setups

The Setup Escort a makes it possible to create strategies for your order setup, such as entry, stop loss (incl. trailing stop) and targets. Furthermore, it is necessary for activating conditions for the Analyzer session (the Analyzer session is used in conjunction with the Analyzer Escort of the scanner).

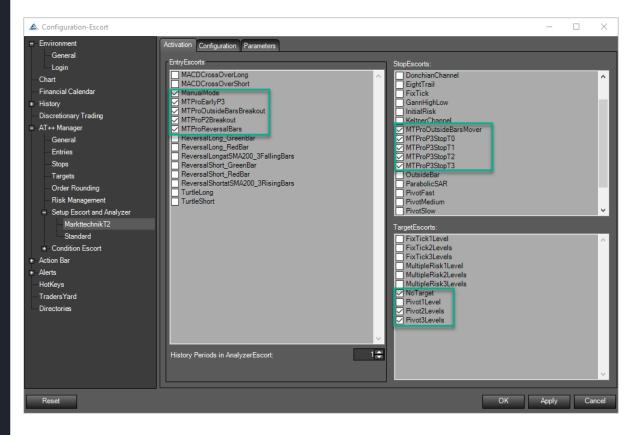
The main category Setup Escort and Analyzer is where Analyzer sessions are created and edited. In addition, an Analyzer session can also be loaded as an Analyzer in the scanner.

👗 Configuration-Escort		—		×
 Environment General Login 	By selecting the sub category "Standard" you can manage your Entry Escorts. StopLoss Escorts and Target Escorts. The setups are assigned to a Analyzer Session (E.g. Standard sub category) which you can create and delete here below.			
Chart	Create new Analyzer Sessions and manage AT++ strategies			
Financial Calendar	Enter a new name:			
Discretionary Trading	Add New Analyzer Copy Analyzer I	nove Analy	vzer ·	51
= AT++ Manager		love Anal		
General				
Entries				
Stops	The Setup Escort and Analyzer connect the AgenaTrader++ features Condition Escort, Analyzer Escort (market scanner) an	id the Entr	y, Stop	
Targets	and Target Escorts (trading setup).			
Order Rounding	Read more about this feature in our online help by clicking the light bulb on the top. If the light bulb does not show you can acivate it via the main menu toolbar.			
Risk Management	If the light build does not show you can activate it via the main menu tooldar.			
 Setup Escort and Analyzer 				
MarkttechnikT2				
Standard				
Condition Escort				
* Action Bar				
⊯ Alerts				
HotKeys				
TradersYard				
Directories				
Reset	ОК	Apply	Ca	ancel



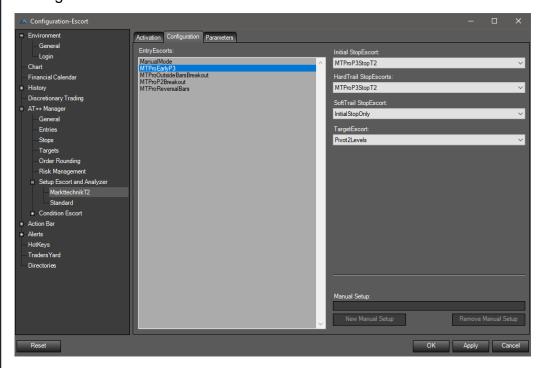
After selecting the desired Analyzer session, you can begin activating and configuring the trading setups.

<u>Activation tab</u>, with which you can activate and deactivate entry, stop and target methods.

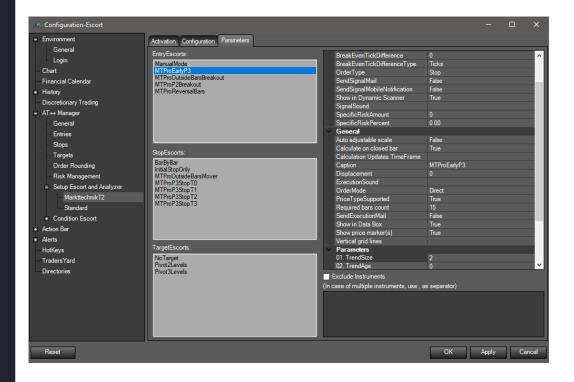




<u>Configuration tab</u>, with which you can create completely automated trading strategies:



Parameter tab: modifies various entry, stop and target methods.





Risk management

The AT++ Manager can be found via the main menu bar under *Strategies*.

The risk management automatically calculates the order size for each AT++ trading strategy. Various risk settings can be defined per broker and for each asset class. You can access the risk management parameters in the Configuration Escort, which is available in the main menu toolbar under *Strategies*, followed by AT++ *Configuration*.

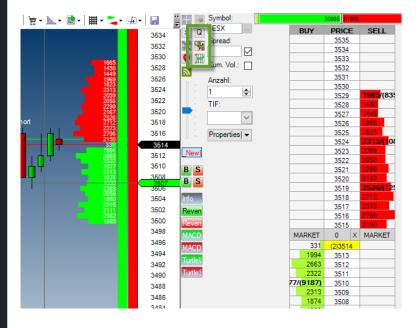
📥 Configuration-Escort				-		×
 Environment General Login Chart Financial Calendar History Discretionary Trading AT++ Manager General Entries Stops Targets Order Rounding Risk Management Setup Escort and Analyzer Condition Escort Action Bar Alerts HotKeys Traders Yard Directories 	 BrokerDukascopy Stocks Futures Indexes CFD's Currencies Options BrokerFXCM BrokerFXFlat BrokerB1 BrokerB2 BrokerB1 BrokerFB1 Rightmic ReplaySimulation AT++-Backtesting 	Risk criterias Risk Management On Risk per trade defined by percentage: 0.50 ✓ from Buying Power ✓ Risk per trade defined by fixed value: 300 EUR Maximum investment per trade defined by percentage: 15.00 ✓ from Buying Power ✓ Trading Free Period: 00:00 - 00:00 Flat: Daily Loss Limit 0:00 €				
Reset			ОК	Apply	Ca	ncel



Further automatic trading tools

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<u>Depth of Market</u> (DOM ^{These}) offers full functionality for placing orders in the market. As soon as AT++ is active in the chart, automated trading setups can also be created using the DOM. The DOM is located in the action bar too, and can be opened for every chart.



QuickTrader a allows the user to enter orders and strategies directly in the chart. It is located in the action bar. As soon as AT++ is active in the chart, automated trading setups can also be created using the QuickTrader.

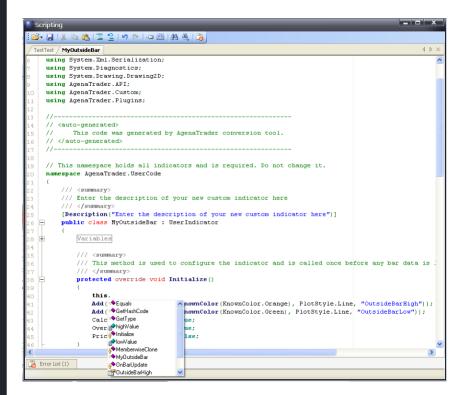
Hot Keys a key combinations for trading can be added using the Configuration Escort for creating trading setups.



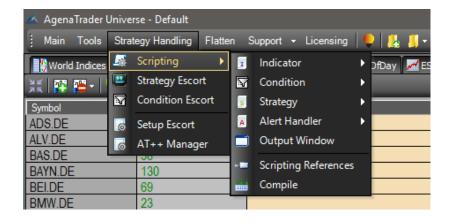
Programming with AgenaScript

The AgenaTrader programming environment (script) is similar to that of Visual Studio, and with it you can:

- ✓ navigate the programming workspace with the help of tools
- ✓ use the editor to handle several components at once (top tab bar)
- ✓ use the IntelliSense[™] function
- ✓ have a list of the errors displayed at the bottom of the screen



You can access the programming in the main menu toolbar under the category "Strategy".





Using Microsoft Visual Studio as a scripting console

A well-known scripting console for programming C# code is Microsoft Visual Studio. With AgenaTrader it is also possible to connect directly to MSVS and to use this for scripting instead of the internal console.

Install the free MSVS 2015 Community Version and activate the connection in the Configuration Escort; following this, MSVS is automatically started when you create a new script.

🔺 Configuration-Escort		—	o x	ł
 Environment General Login Chart Financial Calendar History Discretionary Trading AT++ Manager Action Bar Alerts HotKeys Traders Yard Directories 	Default web page: https://agenatrader.com Startup features Start strategies automatically Start datafeed automatically Start brokers automatically Profit/loss Start strategies automatically Start brokers automatically Start brokers automatically Profit/loss Profit/loss display currency: EUR Show profit/loss as: Amount Show release notes again at next start Open dialog on mouse position Keep message popups in front Auto adjust tick sizes Synthetic become market on touch Use Visual Studio Smooth charts Autoupdate built-in static instruments lists Use digit grouping 			
Reset	ОК	Apply	Cancel	



Tab chart groups: advanced charting

The tab chart group 🖻 is a chart container that opens several charts for different instruments simultaneously and displays the symbols for the instruments in the lower tab bar.

Stock EOD screener

The stock EOD screener 🗟 makes it possible to scan for fundamental and technical criteria for approx. 7000 US stocks.

Trading journal

AgenaTrader records every trade and keeps an automatic trading diary **S**. This makes it possible for you to clearly understand and evaluate trading behavior. To open the trading journal, go to Trading Journal by selecting *Main* then *New*.

Backtesting

The backtest \mathbb{R} was implemented as a core feature for analyzing the performance of a strategy on a historical basis. It is possible to backtest a strategy for a single instrument (security) or an instrument list (portfolio). To open the backtest window, go to *Main->New* and select *Backtest*.

Additional functions

The watch list and the scanner fulfill the same functions in the list chart group. The Record/Replay Escort are can record market data from a running operation and then replay as needed. The LCG 2 / TCG are the chart containers that contain a scanner and a charting area.



Helpful links:

Online help (wiki):

https://agenatrader.com/wiki/

Video portal:

https://agenatrader.com/agenaspace-online-software-training/

Live webinar calendar:

https://agenatrader.com/trading-webinars/

AgenaScript documentation:

https://agenatrader.github.io/AgenaScript-documentation/index.html

AgenaIndicator documentation:

https://agenatrader.github.io/AgenaIndicator-documentation/index.html

Script tutorials:

https://agenatrader.github.io/Tutorials/

Partners: brokers

https://agenatrader.com/broker

Partners: market data feeds

https://agenatrader.com/datafeeds

Partners: indicator and strategy development:

https://agenatrader.com/trading-strategy-development

Partners: trading education

https://agenatrader.com/trading-education

Partners: software coaching:

https://agenatrader.com/trading-platform-education



This handbook contains all core functions of AgenaTrader. It provides a comprehensive overview of all available functions. The brief handbook is ideal for newcomers to get started and orient themselves within the software. It also serves as a reference work for advanced users.