

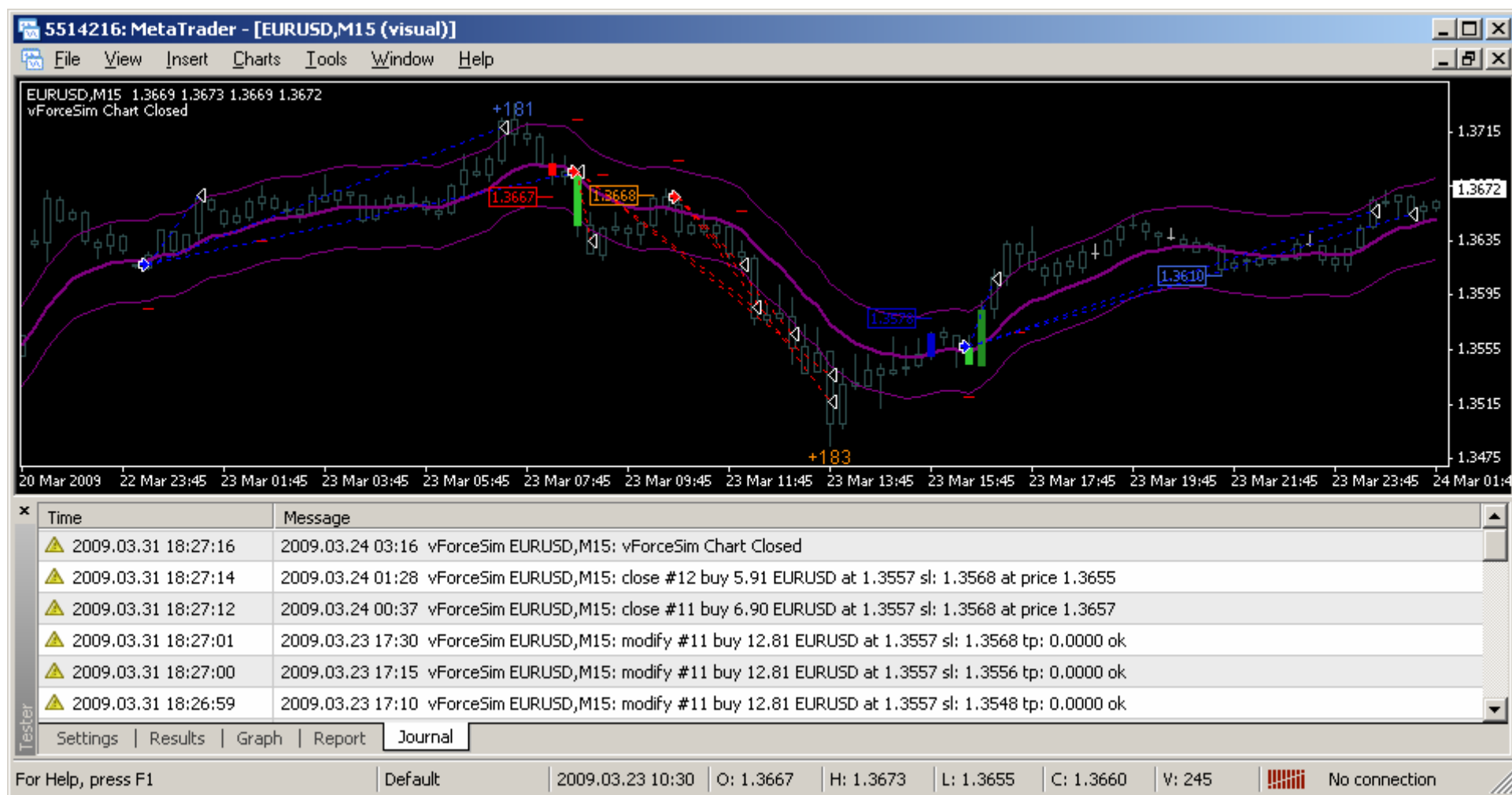
vForceSim by RobDee

vForce Simulator for training and back-testing using Strategy Tester

vForceSim (VFS) is used to simulate the live trading environment and encourages users to practice reading the price action and placing trades to develop more experience and consistency. The speed of price action is user controlled.

VFS also allows an already consistent trader to test different money management scenarios.

VFS does all the work of managing the simulated trades according to the MM rules entered before trading starts. All the trader needs to focus on is reading the chart and entering trades. Immediate feedback is provided on the chart showing exactly when and where trades were opened and closed.



Hotkeys for instant trading

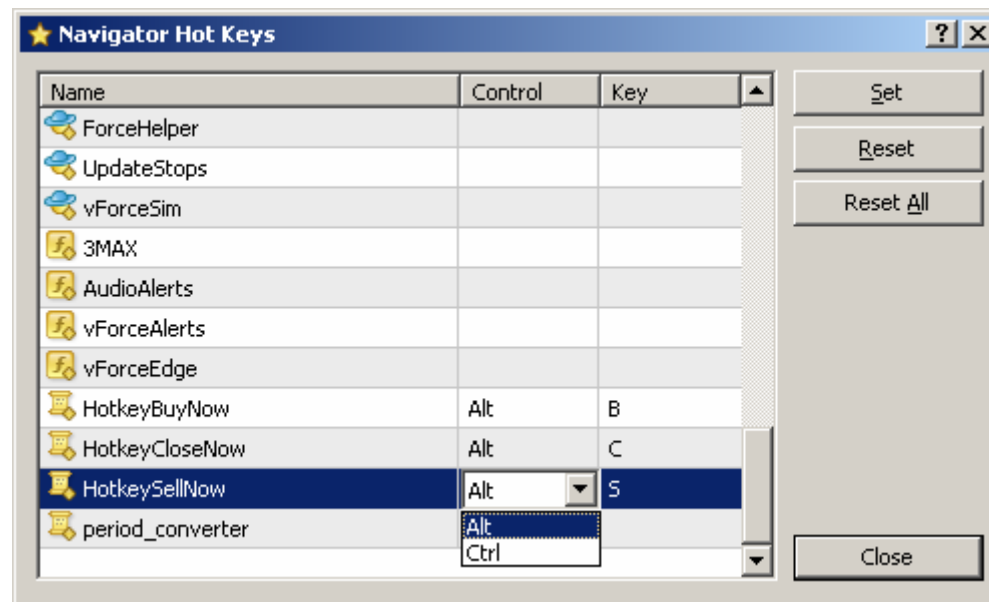
Trading at current market price is available using hotkeys.

- BuyNow = [Alt B]
- SellNow = [Alt S]
- CloseNow = [Alt C]

These hotkeys are assigned using the Navigator window.

Each hotkey is assigned to a different trading action script.

Note: Hotkeys are very quick and easy trade entries but cannot provide an exact entry price because there will be some slippage from the time the user presses the key until the order is actually opened.



Global Variables for exact price entries

Trading at exact prices is available using global variables.

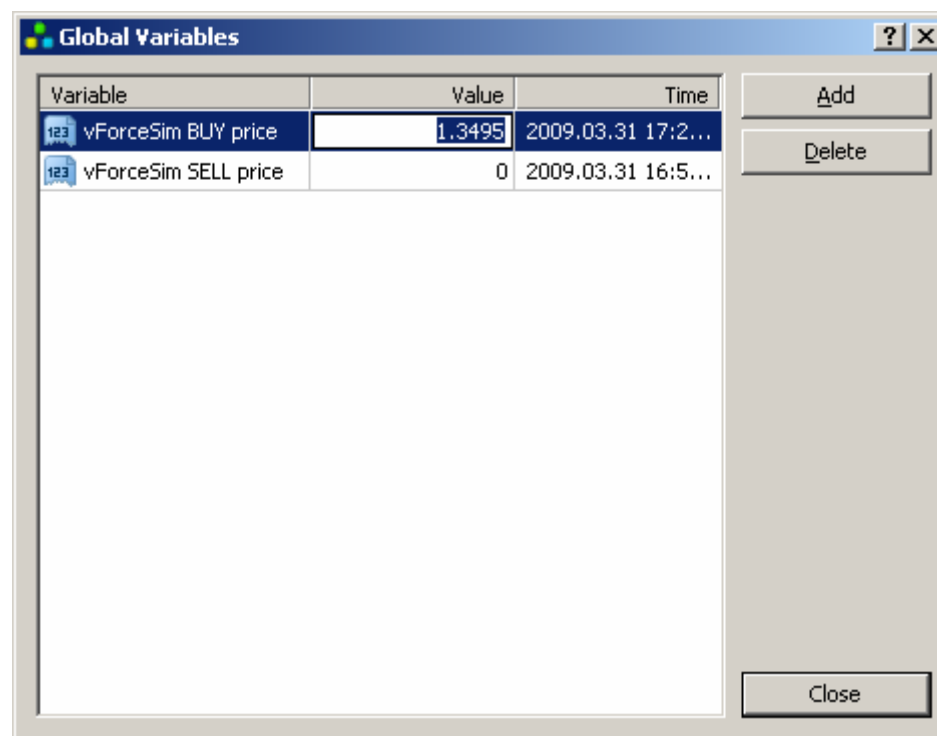
This function is the way to simulate pending orders.

- Buy is opened when Ask price = vForceSim Buy Price
- Sell is opened when Bid price = vForceSim Sell Price

The [F3] key opens the Global Variables window.

As soon as the user enters a price into the global variable then vForceSim will constantly watch for that exact price, the user does not need to do anything else for the order to be activated.

Note: The global variables are completely separate from the hotkeys described above. There is no connection between the hotkeys and the global variables.



Installing VFS

Installing and starting VFS requires five steps.

- download **both ZIP** files to any folder eg C:\downloads
- unzip both ZIP files into a **new folder MT4-BackTest**
- double click **terminal.exe** in this folder to start MT4
- **cancel** the first two windows (Account and Login)
- click the Strategy Tester [**Start**] button as below

File locations (FYI these files are already included in the ZIP)

vfs.mqh	\experts\include
HotKeyBuyNow.mq4	\experts\scripts
HotKeySellNow.mq4	\experts\scripts
HotKeyCloseNow.mq4	\experts\scripts
vForceSim.tpl	\templates
vforceSim.ex4	\experts

Expert Advisor: vForceSim, vForce Simulator for training and back-testing using Strategy Tester

Symbol: EURUSD, Euro vs US Dollar

Period: M15

Model: Every tick (the most precise method based on all available least timeframes to generate each tick)

Optimization ☐

Use date ☒ From: 2009.03.23 To: 2009.03.31

Visual mode ☒ II Skip to 2009.03.31

Expert properties

Symbol properties

Open chart

Modify expert

Start

VFS logs all trades

VFS keeps a log of all the trades opened during a trading session.

These log files are stored in the MT4-BackTest\tester\files folder.

The log files are CSV format so they open in Excel (and other spreadsheet programs) as shown in this example.

vForceSim for Experimental release
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Microsoft Excel - vForceSim_EURUSD_2009.03.23.csv

	A	B	C	D	E	F	G	H	I	J	K	L
1	Server " reports minimum lots=0.01 maximum lots=100											
2	EURUSD Digits=4 PipDigits=4 PipDecimal=0.0001 PipValue=\$10.00											
3	VFE 50 100 150											
4	Ticket	Date	Time	Type	Size	Symbol	Price	S/L	T/P	Balance	Equity	FreeMargin
5	1	2009.03.23	0:15	Buy	15.15	EURUSD	1.3618	1.3585	0	100,000	99,697	84,547
6	4	2009.03.23	8:45	Sell	14.61	EURUSD	1.3686	1.3724	0	111,044	110,752	96,142
7	6	2009.03.23	10:48	Sell	21.05	EURUSD	1.3667	1.3694	0	113,650	114,844	84,294
8	10	2009.03.23	16:37	Buy	19.71	EURUSD	1.3557	1.3520	0	145,860	145,466	125,756
9	vForceSim Chart Closed											

vForceSim_EURUSD_2009.03.23

Ready NUM

vForceSim User Settings

Notes1	= VFE 50 100 150	
TakeProfit1	= 50	close part of the trade when this target is reached
TakeProfit2	= 100	close part of the trade when this target is reached
TakeProfit3	= 150	close part of the trade when this target is reached
TakeProfit1Percent	= 35	percentage of trade to close when TakeProfit1 is reached
TakeProfit2Percent	= 35	percentage of trade to close when TakeProfit2 is reached
TakeProfit3Percent	= 30	percentage of trade to close when TakeProfit3 is reached
RiskPerTrade	= 5	percent risk is used with stoploss size to calculate number of lots
OpenRiskAllowed	= 0	do not trade if current open risk % is greater than allowed (default = 0)
HardStop	= 0	over-rides all other stop considerations
StopAbove	= 35	pips above MA6 for stop loss placement when selling
StopBelow	= 35	pips below MA6 for stop loss placement when buying
StopMin	= 20	minimum pips to allow for the entire stop loss, stretch stop wider to ensure this
MoveStop	= 35	move stop to BE when this profit target is reached (0 is disabled)
TrailingStop	= 35	AFTER stop is moved to BE, the stop is trailed ____ pips above/below MA6 (0 is disabled)
TimeStopHours	= 0	close profitable trades that have not reached MoveStop after ____ hours (0 is disabled)
CloseOnReverse	= True	close opposing trades immediately BEFORE opening a new trade
BrokerEuroSymbol	= EURUSD	reference symbol for calculating decimal places for all pairs, eg for IBFX mini use EURUSDm
ProtectCapital	= 5000	do not trade if account balance falls below this level
MaxBrokerSpread	= 2	do not trade if broker spread is greater than MaxBrokerSpread
MaxBrokerSlippage	= 2	do not trade if broker slippage is greater than MaxBrokerSlippage
UseFullLots	= True	minimum transaction size is 1.00 lots, if supported by the broker
UseMiniLots	= True	minimum transaction size is 0.10 lots, if supported by the broker
UseMicroLots	= True	minimum transaction size is 0.01 lots, if supported by the broker
IgnoreOtherTrades	= True	ignore means do not manage 'other' trades, that is any trades not opened by this EA
