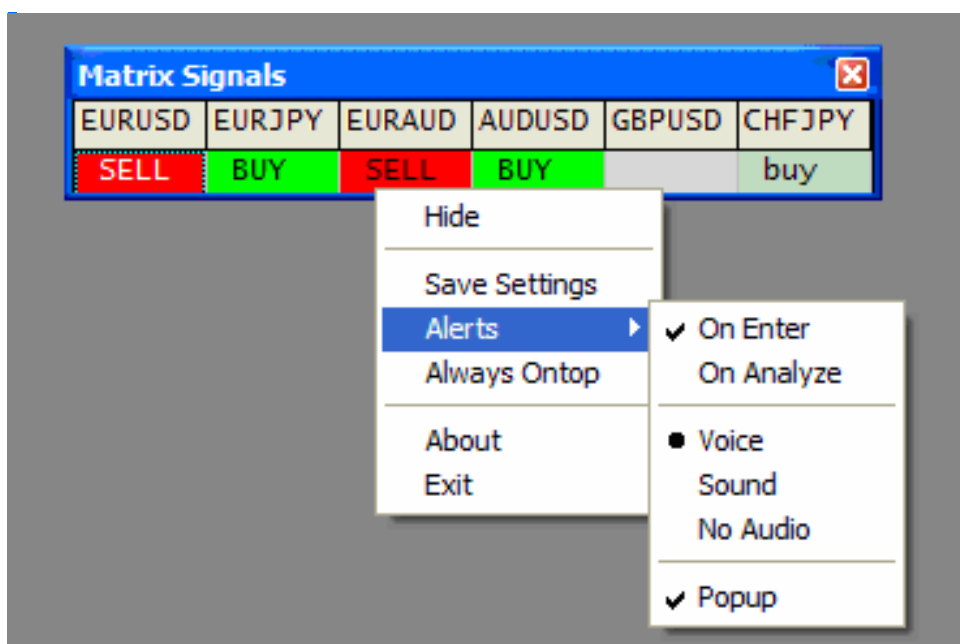


## Matrix-Signals

Matrix-Signals is a signal/alert generating indicator for use with the 'Genesis Matrix Trading System'. It generates alerts when 3 or 4 lines of the matrix line up. 3 lines generates an 'analyze signal' and 4 lines generate an 'enter signal'.

Features:

- Monitor up to 20 symbols of your choice. The voice alerts may not work correctly for non-forex symbols.
- Alert when 3 or 4 indicators line up.
- Audio (voice/bell) and visual alert signals.
- Popup on alert signal.



## Installation

Copy these indicators to the '../experts/indicators/' folder:

Matrix-Signals.mq4  
TVI.mq4  
GannHiLo-Histo.mq4  
T3MA-Basic.mq4

Copy these indicators to the '../experts/libraries/' folder:

MatrixBridge.dll

Copy these indicators to the '../experts/files/' folder:

MatrixSignals.exe  
MatrixAlert.wav

Restart MT4.

Load Matrix-Signals onto a chart to start the indicator.

## Indicator Parameters

### TimeFrame.Settings

TimeFrame.Period=0

Timeframe: 0,1,5,15,30,60,240,1440 etc. Current Timeframe=0.

### Symbol.Settings

Symbol.List=EURUSD,EURJPY

Comma separated list of symbols to monitor, without the brokers prefix and suffix.

Symbol.Suffix=

Broker symbol suffix. Ex m for EURUSDm.

Symbol.Prefix=

Broker symbol prefix. Ex fx\_ for fx\_EURUSD.

### TVI.Settings

TVI.r=12

TVI r Period.

TVI.s=12

TVI s Period.

TVI.u=5

TVI u Period.

### CCI.Settings

CCI.Period=20

CCI Period.

### GannHiLo.Settings

GannHiLo.Period=10

Gann High/Low Period.

### T3MA.Settings

T3MA.Period=8

T3MA Period.

T3MA.b=0.618

Volume factor.

Note:

This indicator requires that the following indicators are installed and working:

TVI.mq4, GannHiLo-Histo.mq4, T3MA-Basic.mq4

It also requires that the 'Allow dll imports' checkbox is set.

## Signal Program Settings

Right click on the body of the 'Matrix Signals' window to pull up the options menu.

### Hide

Minimize the 'Matrix Signals' window to the taskbar. Double click or right click on icon and select show on the popup menu to bring up the window again.

### Save Settings

Save the current position and the state of the settings.

### Alerts

On Enter:

Select to get signals/alerts when 4 signals line up.

On Analyze:

Select to get signals/alerts when 3 signals line up.

Voice / Sound / No Audio

Select preferred audio alert type from the above listed options.

Popup

Make the 'Matrix Signals' window popup to the top when a signal occurs

#### Always Ontop

Force the 'Matrix Signals' window to always be the topmost window.

#### Exit

Exit will close the 'Matrix Signals' program. Note that it will not remove the indicator from the chart.

To change the audio alert signal, replace the 'MatrixAlert.wav' file with a wav file of your choosing. It must be renamed to 'MatrixAlert.wav'.

To change the alert blink time, editing of the 'MatrixSignals.ini' file is necessary. Open the file '../experts/files/MatrixSignals.ini' in a **text editor** like 'Notepad'. Locate the line BlinkTime=60. Change to a positive value of your choosing. The units are in seconds. Save the file. Restart the indicator.

## **Change Log**

2012-11-11, Xaphod, v1.01

- Added Symbol Prefix parameter.
- Remove symbol prefix, suffix and non alphanumeric chars from symbol string sent to alert program.
- Adjust the size of the alert window to account for the desktop font size variations.
- Read out 5 digit symbols.
- Check if all files are installed on start up and check for dlls enabled.
- Improved symbol validation function.
- Added blink time parameter in './experts/files/MatrixSignals.ini' to adjust the alert blink time. default BlinkTime=60. One will have to edit the ini file to change the value.

2012-08-31, Xaphod, v1.00

- Initial release.