

## GMTS-Matrix

GMTS-Matrix is a non-repainting matrix indicator for use with the 'Genesis Matrix Trading System'.

- It is composed of the following indicators:
  1. TVI
  2. CCI
  3. Gann High/Low Indicator
  4. T3 Moving Average
- Multi time-frame. All bars in the chart corresponding to a higher time-frame bar will be updated to reflect the current state of the higher time-frame indicator.
- Optional alert when all 4 indicators line up.
- Set labels of your choice.



## Installation

1. Copy the following files to your '../Metatrader4/experts/indicators/' folder:  
GMTS-Matrix.mq4  
TVI.mq4  
T3MA-Basic.mq4  
GannHiLo-Histo.mq4
2. Restart MT4.
3. Double click to load or Drag and drop the 'GMTS-Matrix' on to your chart.

Note:

This indicator requires that the following indicators are installed and working:  
TVI.mq4, GannHiLo-Histo.mq4, T3MA-Basic.mq4

Troubleshooting:

- Check the 'Journal' and 'Expert' tabs in the terminal window for errors.
- Enable dlls to allow the indicator to check if the required indicator files are installed.
- If you have installed the indicators and MT4 cannot find them, the cause may be windows Vista/7/8 file virtualization.  
Solutions: Install MT4 outside the Program Files folder or give your user full read/write rights to the MT4 folders.

## Indicator Parameters

### TimeFrame\_Settings

TimeFrame\_Period=0      Timeframe: 0,1,5,15,30,60,240,1440 etc. Current Timeframe=0.  
TimeFrame\_Auto=0      Automatically select higher TF. M15 and M30 -> H1.  
Off=0, 1st HigherTF=1, 2nd HigherTF=2.  
TimeFrame\_Divider\_MaxLines=30;      Draw period divider line for higher time-frame bars. Nr of bars back.  
Set to 0 to disable.  
TimeFrame\_Divider\_Color=DarkGray      Color of period divider lines.

### TVI\_Settings

TVI\_r=12      TVI r Period.  
TVI\_s=12      TVI s Period.  
TVI\_u=5      TVI u Period.  
TVI\_Label=TVI      Label for the TVI signal line.

### CCI\_Settings

CCI\_Period=20      CCI Period.  
CCI\_Label=CCI      Label for the CCI signal line.

### GannHiLo\_Settings

GannHiLo\_Period=10      Gann High/Low Period.  
GannHiLo\_Label=GHL      Label for the GannHiLo signal line.

### T3MA\_Settings

T3MA\_Period=8      T3MA Period.  
T3MA\_b=0.618      Volume factor.  
T3MA\_MaxBars=500      Maximum number of bars to draw. Set to 0 to show the full history.  
T3MA\_Label=GM      Label for the T3MA signal line.

### Alert\_Settings

Alert\_OnBarClose=True      Alert only when an open bar closes.  
Alert\_Popup=False      Popup window & sound on Alert\_  
Alert\_Sound= Play sound on Alert\_ Wav files only.  
Alert\_Email=False      Send email on Alert\_  
Alert\_Subject=      Email subject. Null string ("") will result in a preconfigured subject.

### Label\_Settings

Label\_Color=White      Color of Histogram Id labels.