

## GMTS-Dash

GMTS-Dash is a signal dashboard for the 'Genesis Matrix Trading System'. It displays the current matrix signals for multiple time-frames and the ADR\_

- It is composed of the following indicators:
  1. TVI
  2. CCI
  3. T3 Moving Average
  4. Gann High/Low Indicator
- Display 1 to 6 time-frames of the current GMTS signals.
- Show optional ADR level calculated from daily candles.
- 2 Optional alerts that can be set to alert when specified time-frames line up.
- User configurable colors.
- 5 different arrow types.
- Position relative to the on top-left or top right corner. Positioning on the top left corner requires that the use of dlls is enabled.

### NOTE!

**GMTS-Dash REQUIRES MT4 Build 509 or newer.**

If it crashes your copy of MT4, delete it from the indicators folder and restart MT4.

Direct your complaints about crashes to Metaquotes who are responsible for the lack of backward compatibility and for the stability of their product.



## Installation

1. Copy the following files to your '..\Metatrader4\experts\indicators/' folder:  
GMTS-Dash.ex4  
TVI.mq4  
T3MA-Basic.mq4  
GannHiLo-Histo.mq4
2. Restart MT4.
3. Double click to load or Drag and drop the 'GMTS-Dash' 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\_1=M1  
TimeFrame\_2=M5  
TimeFrame\_3=M15  
TimeFrame\_4=H1  
TimeFrame\_5=H4  
TimeFrame\_6=D1

Timeframe:  
M1,M5,M15,M30;H1,H4,D1,W1,MN1.  
1,5,15,30,60,240,1440,10080,43200.  
Do not display: 0 or NULL String.

TimeFrame\_TF1BarNr=0  
TimeFrame\_TF2BarNr=0  
TimeFrame\_TF3BarNr=0  
TimeFrame\_TF4BarNr=0  
TimeFrame\_TF5BarNr=0  
TimeFrame\_TF6BarNr=0

Bar nr to display data for. 'Currently open bar'=0, 'Last closed bar'=1.

### TVI\_Settings

TVI\_r=12  
TVI\_s=12  
TVI\_u=5  
TVI\_Label=TVI

TVI r Period.  
TVI s Period.  
TVI u Period.  
Label for TVI signal line.

### CCI\_Settings

CCI\_Period=20  
CCI\_Label=CCI

CCI Period.  
Label for CCI signal line.

### T3MA\_Settings

T3MA\_Period=8  
T3MA\_b=0.618  
T3MA\_Label=GM

T3MA Period.  
Volume factor.  
Label for the T3MA signal line.

### GannHiLo\_Settings

GannHiLo\_Period=10  
GannHiLo\_Label=GHL

Gann High/Low Period.  
Label for the GannHiLo signal line.

### ADR\_Settings

ADR\_Enable=True  
ADR\_Days=20  
ADR\_Low=40  
ADR\_High=90  
ADR\_BarSize=10  
ADR\_BarScale=5.0  
ADR\_BarMaxLen=26  
ADR\_BarYOffset=3  
ADR\_TextSize=9  
ADR\_TextYOffset=7

Enable ADR Display\_  
Nr of days to use for calculation.  
ADR Low level in percent.  
ADR High level in percent.  
Size of each bar in the ADR bar graph.  
Scale factor. Adjust if there are gaps or overlapping of bar-graph sections.  
Maximum length of the bar-graph. Adjust if the bar-graph is too long or short.  
Y offset of bar the ADR bar-graph.  
ADR Value text size.  
ADR Value text y-offset.

### Alert\_Settings

Alert\_Set1=110000  
Alert\_Set2=101000  
Alert\_OnBarClose=True  
Alert\_Popup=True  
Alert\_Sound=  
Alert\_Email=False  
Alert\_Subject=

Alert flags for TF1, TF2, TF3, TF4, TF5, TF6.  
Enable=1, Disable=0. Ex: 010100=TF2 AND TF4.  
Alert flags for TF1, TF2, TF3, TF4.  
Enable=1, Disable=0. Ex: 101000=TF1 AND TF3.  
Alert only when an open bar closes.  
Popup window & sound on Alert\_  
Play sound on Alert. Wav files only.  
Send email on Alert.  
Email Subject. Blank will result in a preconfigured subject.

### Display\_Settings

Display_X=5	X position of Display_
Display_Y=15	Y position of Display_
Display_Corner=0	Display corner. Top left=0, Top Right=1.
Display_Window=0	Window to display the dashboard in.
Display_SysFontSize=1.0	Display system font size zoom factor. Normal=1.0, 125% zoom=1.25.
Display_ColorBkg1=Gray	Background color for odd line.
Display_ColorBkg2=Gray	Background color for even line.
Display_ColorHeader=Gold	Color of the header text.
Display_ColorSignal=Blue	Color of the symbol text.
Display_ColorUp=Green	Color of the up signal.
Display_ColorDown=Red	Color of the down signal.
Display_ArrowType=0	0=Arrow, 1=Diagonal Arrow, 2=Square, 3=Dot, 4=Diamond.

## Change log

2013-11-27. Xaphod, v1.10

- Upgraded code to support MT4 build 550 or higher and retain compatibility with build 509
- Increased the maximum number of timeframes from 4 to 6.
- Added parameters to adjust the bar-graph size and position to adjust for desktop font scaling. Crude but it gets the job done and is better than nothing.

2012-09-05. Xaphod, v1.00

- Renamed to GMTS-Dash
- Switched location of the T3 and GHL to make layout the same as the official genesis version
- Added MaxBars parameter to T3 to reduce load time. Set to 0 for full history
- Fixed dashboard moving when changing charts with dashboard on the right. It still starts up in the middle as MT4 seems initially draw the windows non-maximized and does not resize them until they are activated

2012-07-17. Xaphod, v1.03

- Fixed ADR Value update

2012-07-15. Xaphod, v1.02

- Fixed ADR Position
- Clear objects in init()
- Added symbol text in title
- Allow Multiple instances with different symbols on the same chart

2012-07-14. Xaphod, v1.01

- Fixed ADR calc. Endless loop when there was no data.
- Fixed Histogram for percentages > 100

2012-04-26. Xaphod, v1.00

- Rewrite

2012-04-20. Xaphod, v0.94

- First Release