**MT4 EXPERT ADVISOR  
WITH TRADING SIGNALS FROM CHARTINGCENTER.COM**

**Diagram

Description automatically generated**

**Components:**

1. Market Data Fetcher – a Windows Application/Service:

An application or service. Installed on the PC/VPS/VDS/server that runs MetaTrader4. Logs in to chartingcenter.com site and fetches market data: the price history for the instruments and values history for the indicators. Receives the data in real time and sends it to MetaTrader 4 instance via MT4 Bridge.

1. MT4 Bridge:

A Windows DLL (dynamically linked library) that is loaded by MT4 Expert Advisor. Sends requests from the EA to Market Data Fetcher and receives the market data using a high perfomance exchange protocol (ZeroMQ).

1. MT4 Expert Advisor (EA):

Requests the necessary market data from Market Data Fetcher via MT4 Bridge, receives the data in real time, makes trading decisions and sends trade orders to MT4 trading server of the broker – that is, trades.

**Trading rules:**

EA makes trading decisions based on the current values and the values history of VA indicator from chartingcenter.com site. Take profits and stop losses are calculated based on the EA settings and values of ATR indicator. EA should place the trades on the close of the candle after VA indicator changes its "colour" and only in the direction of the trend/slope line. Calculations of the trend/slope direction is to be strictly mathematically defined.

**EA Backtesting:**

Not implementing now. May be needed in the future.