Providing Machine Learning and AI Automatic Strategy Design Applications since 2006

Update April 2025

Trading System Lab is Expanding! And to celebrate that we are offering the Biggest Sale Ever on all of our products. 30% off for only 2 weeks! Expires April 15, 2025.

About our products:

TSL now has 5 products with several more in development. Let's review these products. All design platforms produce code so you do not need to be a programmer for most of our products.

TSL Professional: This is the flagship product rated #1 by Futures Truth on S&P 500, Natural Gas, US Bonds and US Dollar Index which represents 4 main sectors of the trading world and our economy: Indices, Interest Rates, Energy and Currencies. This platform will design systems on any data you can throw at it; Crypto, ETF's, Stocks, Bonds and many others. Running on the new ThreadRipper CPU's from AMD we see blazing fast speeds resulting in designs on daily data or large bar intraday data in minutes. Portfolio designs mean the portfolio has a inherent hedging built in since even though the markets may be correlated, the engine finds subtle differences in the markets and leverages those differences to meet the goals of the chosen Fitness objective. Pairs and Options as well as single market overnight or day-trading systems may be designed.

TSL Lite: This is an extremely easy to use platform producing groups of strategies called subsystems of which you can select individual subsystems and create your own group of systems on one market or let the filtering algorithm choose them for you. Download the *trial* and watch the simple *How-To* video to see how easy it is to use.

AlphaFactors: As the name implies, this platform leverages the technology of TSL Lite but with a substantial boost in features and capabilities. AF can focus on day-trading systems due to it's higher count of Alpha Factor constructs, which can be customized. As with TSL Lite, AF is a "Single Pass" Strategy generator which can avoid some of the overfitting downsides of other approaches. Load the data, configure the engine or just run the defaults, and view the equity curve and code for TradeStation, MultiCharts, Ninja or others through translators. Multiple training videos are available on AF and as with TSL Lite, it is very simple to use.

Quant Systems Lab: If you are looking for a class based, enterprise level, API centric, hyperthreaded, high speed designer with industry leading metric tradeoff capabilities, then the high-end Quant Systems Lab platform is for you. Any type of fitness function may be created opening up the opportunity to blend in vast amounts of external data and analysis into the design process. QSL's 64 bit architecture is clocked at **73 times faster than TSL Pro.** Remember that TSL's LAIMGP Register math requires only one clock cycle to compute an algebraic equation while C code, arguably one of the fastest languages available, takes 20 clock cycles. (*Reference*) Both TSL Pro and QSL use LAIMGP. There is no other Trading Strategy design platform available today that uses the LAIMGP.

AlphaBars: This product predicts what the day is going to look like, bar

by bar, based on just the first bar of the day, but as the day progresses the prediction gets better and better. Using K-Nearest Neighbor and running in the background, this window can give you an edge if you daytrade the markets.

WorldAlgo: This product will provide a unique service in this industry and will be a welcome surprise for traders at every level.

Stealth and Special Projects: TSL continues to build "Dream Platforms" so why not offer the service to others. So if you have a dream platform involving the markets and algorithms, contact us. With our teams and tooling we can create your "Dream" Platform in record time at a reasonable budget.

Contact us directly for the latest pricing information or if you are interested in learning more about WorldAlgo or to purchase a license to Quant Systems Lab, TSL Professional or our other great products. Additional information may be found on the web site.

We offer a further reduced price when multiple products are purchased together.

Thank you.

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Get In Touch