

Algorithmic Trading Platform designed to address evolving marketplace needs



STRATEGY STUDIO | BACK TEST OPTIMIZATION | POWER ORDERS | COMPLEX EVENT PROCESSING

QuantTrade is a predictive stock trading platform to analyze market data, study key trends and assist in strategy trading. It serves the evolving marketplace needs of traders, analysts and investors, and works as a common platform for exchange of trading strategies and ideas. This innovative, fully-integrated, functionally-comprehensive and cutting-edge trading platform provides one-stop solution for all trading enthusiasts right from ideation to execution.

# WHY CHOOSE US?

## COMPLEX EVENT PROCESSING

CEP Engine analyzes massive data volumes to perform statistical calculations, compares historical data, calculates risk position in near real-time, and assists in decision making. This allows detecting patterns, trading in milliseconds, and using the in-memory cache to work multiple tasks in parallel.

## SCALABILITY WITH BIG DATA

Big Data Analytics examines large amount of historical data stored in the databases on daily basis to offer trading opportunities. The data is collected in the finest granularity to speed the trading. The platform helps in the rapid development of algorithmic trading strategies by leveraging various data sources.

## ENTERPRISE-GRADE SECURITY

QuantTrade embraces a multifaceted approach to address the data security concerns including role-based access, alert systems, and configurable set of limitations and protection mechanisms. Back-end services are hosted in a secured platform to make transactions, trading, and data access confidential.

## LOW LATENCY PERFORMANCE

A scalable and high-performance architecture provides real-time data with ultra-low latency, manages risk by sending alerts, and handles multiple queries without any data loss. Near real-time data is offered to traders without any loss during market opening and closing time which incurs maximum revenue.

## OPEN ARCHITECTURE

QuantTrade architectural design supports adding, upgrading and swapping components easily. The platform can be deployed across physical, virtual, mobile, and cloud environments. Additionally, this offers seamless integration, business rules application, and CEP capabilities for operational efficiency and risk management.

## HIGHLY CUSTOMIZABLE INFRASTRUCTURE

With the help of widget based UI and programmatic APIs, QuantTrade users can create and edit multiple layouts to support tool combinations for different trading tasks. The platform allows customizing layouts to display a complete and in-depth picture of current market status and associated trading insights.

# PLATFORM MODULES

- Alarms - Tracks market opportunities, provides real-time intraday updates, tracks securities using various parameters and monitors all market movements.
- Watchlist - Monitors stocks, interests and their market performance at any point in time throughout the day.
- Portfolio Manager - A simple yet powerful UI helps to track, monitor and analyzes live and virtual financial investments related to various markets.
- Live Wire - Lists important mathematical values of various parameters and provides in-depth technical analysis for stocks, options, future and commodity.
- Back Test Optimizer - Allows traders to optimize and improve strategies using historical market data and under various market scenarios.
- Screener - Provides advanced filtering for stocks based on certain criteria and parameters used by investors and traders to screen better stocks
- Stock Analysis - Multifaceted stock analysis from fundamental, trending and technical perspective that provides a comprehensive view of stocks.
- Signal Generator - An electronic device that generates repeating or non-repeating electronic signals in digital domain, generally used in designing, testing, troubleshooting, and repairing electronic devices.
- Market Place technology - An integrated performance management and ranking platform, connecting market participants together, which provides trading ideas, strategies & offerings to the users
- Algorithm Trading - Trading solution for proprietary traders, quantitative hedge funds, and investment banks
- Pair Trader - A market neutral trading strategy enabling traders to profit from virtually market conditions: uptrend, downtrend, or sideways movement
- Paper Trade - A virtual trading platform which helps in testing your trading knowledge without putting any money on the line.
- Advanced Charting - A Trading view Chart, which acts a user -friendly interface including full array of drawing tools, advanced analytics and various types of advance charts.
- Predictive Analysis - Helps traders to make better trading decisions by predicting results of the outcomes of market trends.
- Market Analysis - Facilitate traders to screen market for opportunities in stocks, future and options, select wide array of parameters and provide vital information.
- Option Builder - It provides expert traders with the possibility of customizing their trades according to the trader's strategy, allowing them to set the exact expiry time and risk level of investment
- Strategy Manager - An integrated, customizable template driven tool that enables back-test engine while enabling risk & money management, and also creates strategies for UI
- Big Data Based Analysis - The process of examining large and varied data sets to uncover hidden patterns, unknown correlations, market trends, customer preferences that leverages organizations make more-informed business decisions.

## BUSINESS BENEFITS

QuantTrade is designed to deal with the evolving marketplace needs by allowing traders/analyst/investors analyze price dynamics, build strategy, and perform trading using the automated trading facility. It offers program trading experience on new-age GUI and Programmatic API.

- Seamless transaction capabilities using a secure platform
- Facilitates creating trade and profit possibilities for customers
- Increases trade opportunities with diverse options of auto trade, strategy builder, and analysis
- Convenient and intuitively comprehensible user-friendly interface for working with finance
- Provides information about current state of the trades in real-time
- Automation of trading strategies to trade any time of the day
- Tracking and analyzing streams of information to identify meaningful events
- Easy access to the Trader account and other accounts

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