

Algorithmic/High Frequency Trading Solution

Product Overview



Proprietary trading

Proprietary trading occurs when a trader trades stocks, bonds, currencies, commodities, their derivatives, or other financial instruments with the funds allocated to make a profit or maximize the investors wealth. Investment banks involves in proprietary trading.

Challenge

- Proprietary trading desk has the highest value at risk
- The manual trading process increases the transaction cost

Solution offered

Techwave's Algorithmic Trading Solution enables construction of a completely automated trading department. It has unique interface between six different application groups viz. Data Feed, Trading Engine, Risk Management, Position Management, Trading Platform and Trading Management Portal. Artificial Intelligence tool Neuroshell is used as a Trading Engine.

Thought leadership

- Implementation of cutting edge technology
- Seamless integration with data feed, Trading Engine and Trading Platform

Current status

Solution piloted for a proprietary trader in Europe and for a leading Financial Services company in India

Outcome

- Complete control over trading process
- Increased trading efficiency
- Better alignment between strategy and execution
- Reduced transaction cost
- P&L Tracking at Strategy and Portfolio level
- Trading multiple instruments by multiple algorithms
- Consistent return due to statistic probability