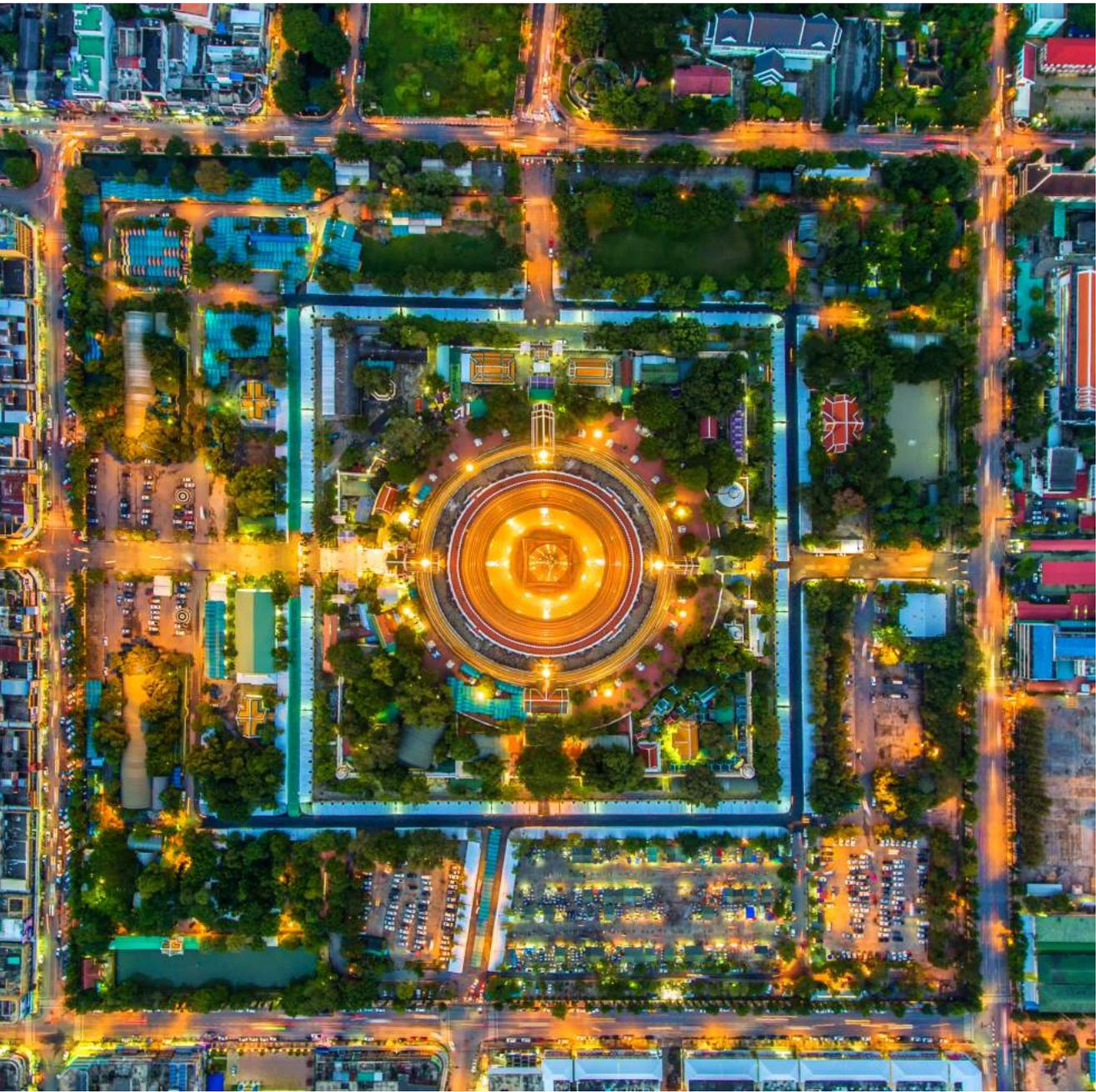


Refinitiv solution for institutional brokers





Trading in a challenging landscape

Whatever your business, whatever your focus, the demands on your trading infrastructure are growing. After experiencing prolonged economic difficulties, you are probably facing these three major challenges:

NEW TECHNOLOGY AND CONVERGENCE

- Rapid progress in technological advancements leaves trading infrastructures obsolete within months
- Trading is no longer limited to a single avenue
- Clients demand trading access anytime, anywhere
- Opportunities for integration with third-party services

REGULATIONS AND COMPLIANCE

- Rapidly evolving regulatory scenarios
- Rapid regulatory environment changes as the market develops
- Technology teams have to be on their toes to ensure timely implementation
- Evolving risk management guidelines from exchanges

EVOLVING RISK MANAGEMENT

- Risk management is crucial
- Frequent flash crashes
- Manual errors
- Algorithmic trading requires risk checks that impact latency
- Evolving risk guidelines from regulators

Nobody underestimates the challenges of technology, risk and regulation. Thankfully, there's a solution that delivers cutting-edge technology with low total cost of ownership trading tools that are ready for the future.



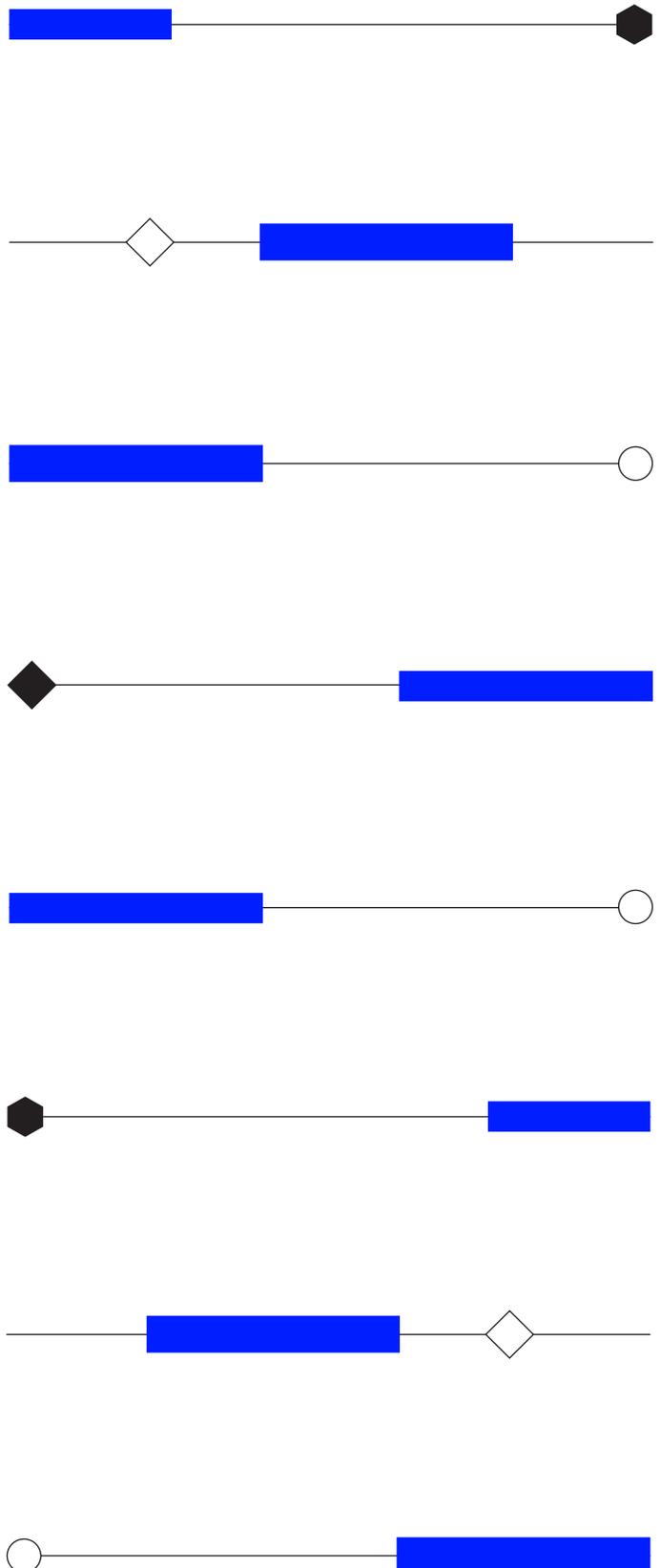
INTRODUCING REFINITIV

With Refinitiv, you are at the center of an open and connected set of products and services, as well as a community of financial professionals. We provide the data, news, analytics and insight to advance your thinking and ensure informed decisions for your work. We offer the cutting-edge tools, applications, infrastructure and services, as well as trading capabilities that help you to move from insight to action. From big ideas to big results, in a click, in a conversation, in an instant. We help our customers uncover critical insights and market opportunities, and connect to the largest network of financial professionals – enabling better decisions and more confident actions. Our solutions create efficiencies that drive profits with scalable infrastructure and services that enable faster and smarter performance. We provide our customers with access to liquidity with our trading applications and venues, connecting customers and markets. This enables our customers to manage compliance and mitigate risk through regulatory insight and workflow tools. Our unique combination of custom content, easy connectivity and robust community is why over 500,000 professionals in 150 countries log in every morning.



INTRODUCING OMNESYS

In late 2013, Thomson Reuters acquired Omnesys Technologies Pvt. Ltd. to expand its offerings to sell-side institutions and exchanges in India. Omnesys Technologies is a leading provider of order management systems (OMS) for multi-asset, multi-venue trading systems. The company provides Indian market data and connectivity solutions for sell-side firms, focused on institutional, retail and proprietary trading institutions. OMNESYS Nest is used by more than 200 of the top financial institutions in India, as well as by various exchanges which provide OMNESYS NEST as a front office service to their customers.



Discover the solution

Omnesys main product suite – Omnesys NEST, is available as a firm or broker-hosted model and as a Software as a Service (SaaS) model. NEST is the platform of choice for leading institutions, exchanges and brokers in India.

It is a fully integrated ecosystem for securities including order management systems (OMS), comprehensive pre-trade risk management systems (RMS) and also supports various types of front-ends, automated trading systems and algorithms with exceptional throughput and scalability capabilities. The SaaS model is available to all the members of the exchanges

About our platform

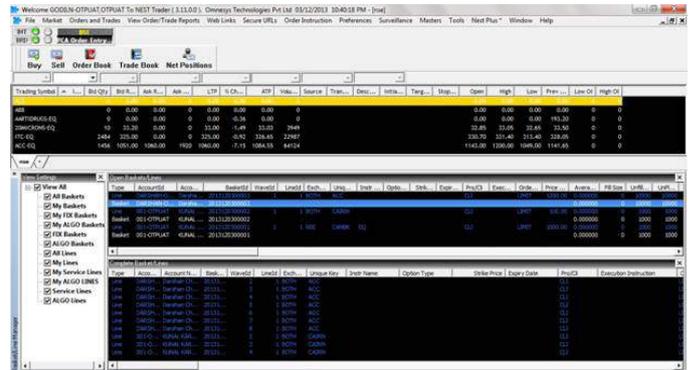
Nest, as a platform, is extremely scalable, supporting thousands of users and millions of trades. As the number of trades or logins increase, all the broker needs to do is increase the hardware (which is affordable) and the software will take care of the rest. What's interesting is that the same Nest that runs this deployment to support trades will also run in your premises to support your existing load. As your business scales, the platform will support your growth all the way.

NEST is extremely flexible. Regulators and exchanges are introducing new asset classes and tradable instruments by the day. That's not all, brokers are able to comply with new regulations in no time.

NEST is an intuitive front-end solution that connects to a robust back-end server to fetch market data, execute orders and facilitate trading. It empowers institutional brokers and dealers with a single console used for performing all institutional dealing activities and enables Direct Market Access to various markets with low latency RMS.

NEST is FIX compliant and can be used with any third-party FIX compliant software, allowing institutional brokers to provide their international and domestic client's access to various markets.

NEST provides best in its class automated strategies, execution algorithms, robust and flexible risk management systems (RMS) with over 200 risk rules. Moreover, our modular architecture allows us to add new functionalities with ease and ensures that your trading software is always compliant with the exchange regulations at zero cost to you. The most interesting part of it all is that we cover about 85 to 90% of the institutional market share in India and also have large global banks as our clients.



NESTTrader IOB

Surpassing the challenges

New Technology and Convergence

- Omnesys aims to stay ahead of the curve
- Tuned to the latest advancements in automated and execution strategies tools such as Nest GATE – TWAP/VWAP/POV/ Iceberg/Liquidity Seeker, Nest Strategies – Option or Hedging Strategies and more
- Low latency risk management solution for institutions, which is used for Direct Market Axis (DMA) executions of global flow
- Robust and flexible risk management system tools such as Nest RMS that performs risk checks at individual order level with over 200 risk rules and Nest Strategy Risk Management System that performs pre-order checks at Basket level
- NEST External Algo feature is based on an open architecture and provides integration with external services
- NEST MIDAS is a robust and flexible back office system used to process trades and generate reports in real time

Regulations and Compliance

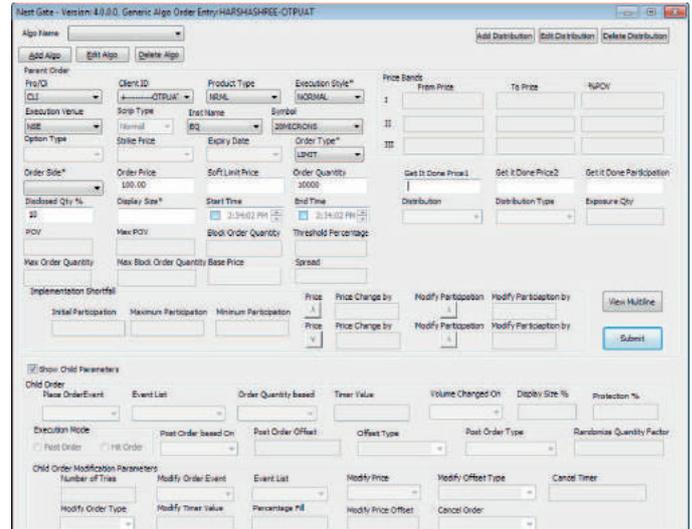
- Always compliance-ready
- Proactive
- Within exchange deadlines
- Fully compliant risk module

Evolving Risk Management

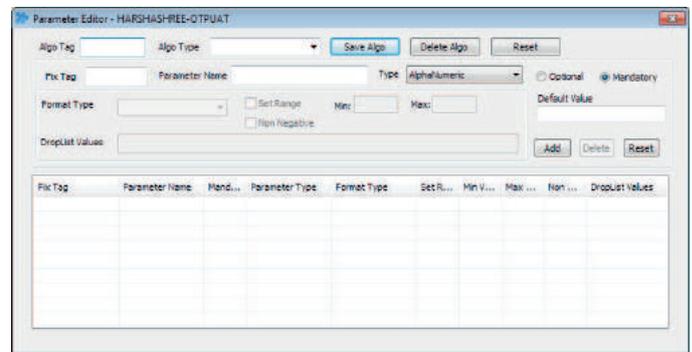
- Every risk managed
- Risk checks across exchanges, branches, dealers and end clients
- Risk checks at various levels i.e. basket and individual order level for automated strategies
- Lowest latency among peers
- Flexible architecture accommodates any changes that exchange/Securities and Exchange Board of India (SEBI) guidelines may incorporate in the future

Why choose Omnesys?

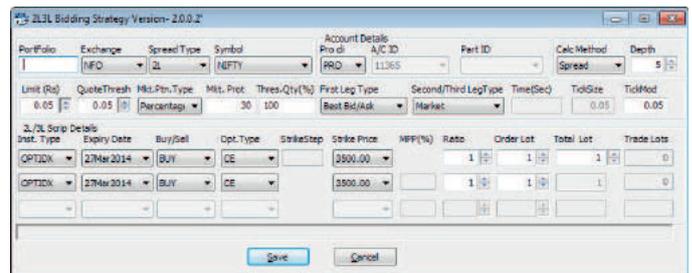
- A fast and responsive trading terminal with all the Indian and international exchanges on the same screen
- Intuitive front-end solution empowers institutional brokers and dealers with a single console used for performing all institutional dealing activities
- FIX compliant can be used with any third-party FIX compliant software, thereby allowing brokers to provide their international and domestic clients access to Indian Markets by providing integration with various FIX aggregators across the globe such as FIX 4.2 and FIX 4.4
- Comprehensive sales trader functionality which includes features such as slice orders to multiple dealers, assignment reallocation to dealers, real time consolidated updates to sales trader/order originator
- Gate, a comprehensive tool used to build extremely customized directional execution algorithms such as iceberg, TWAP, VWAP, Liquidity Seeker and POV and is extremely cost effective, needs zero technology expertise and takes up very little time market. These algos are highly flexible with a robust design and can be exposed over FIX or accessed by dealers to work orders
- External Algo feature is based on open architecture and has the ability to link up with external algos for the execution logic with order and risk management systems and enable connection to various exchanges
- Nest Strategies a superior execution and analysis tool that can be collocated at the exchange or at the broker for faster execution. These strategies include option trading strategies such as straddle, strangle and differential strike, arbitrage strategies such as cash vs. future or future vs. future and analysis tools such as option calculator and position analysis
- Low latency, robust and flexible risk management system with more than 200 risk management rules such as order, price, exposure and order throttling checks. With options to perform these risk checks at two broad levels – one at parent order/basket level which is handled by Nest strategy risk management system, and the other at child order/individual order level handled by Nest institutional risk management system. Thus, the latency that is introduced by these are very low
- NEST provides low latency risk management solution for institutions, which is used for DMA executions of global flow
- Nest Midas is a flexible, robust, and cost efficient back office system used to process trades of the day, generate real time deal slips and formatted EOD reports/contract notes
- Managed service with automated EOD / BOD (End of Day/ Beginning of Day) jobs to reduce your operating costs



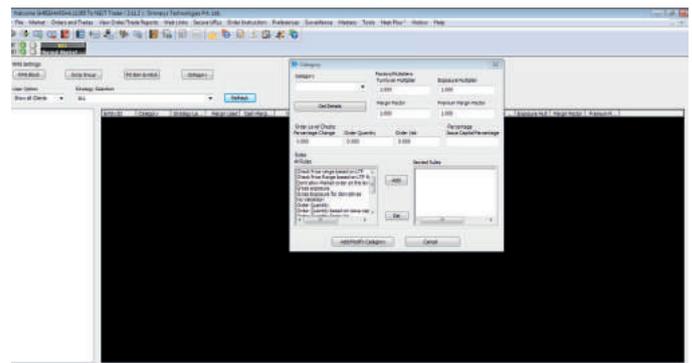
NESTGate



External Algo



NEST Strategy



NEST SRS



Other services and solutions

NEST managed service

With this service, Omnesys takes up all the operational responsibilities of ensuring that your trading infrastructure (hardware, software, exchange connectivity, client connectivity, backups and disaster recovery) remains up and running 24/7.

This allows you to focus completely on what you're good at as a broker (i.e. your business) and let the technology experts do what they're good at. It's a win-win situation, whichever way you look at it.

That's not all; NEST managed service has saved many of your peers a lot of money, which they've been able to invest to grow their businesses.

Back office

Another of Omnesys' innovative solutions that has been received very favorably in the market, is our fully integrated back office solution with real time information flowing between front and back office software.

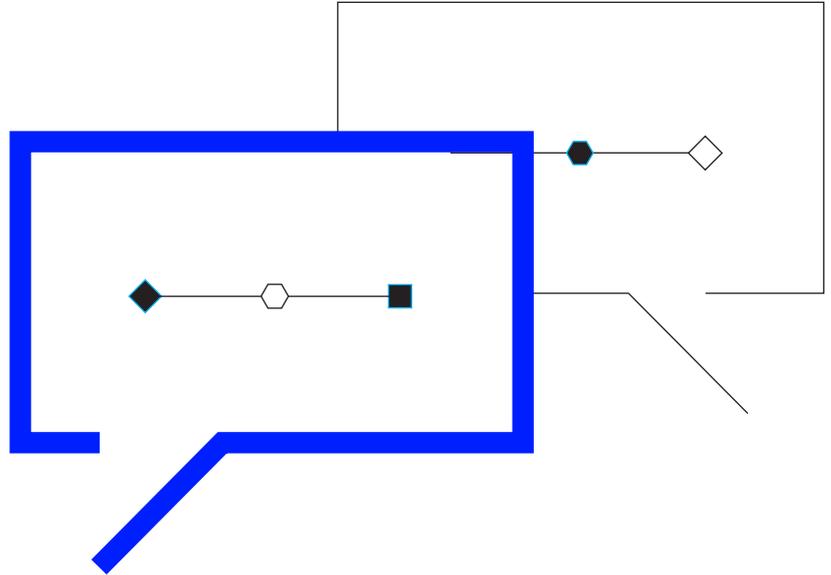
In 2012, Omnesys acquired Harsa IT, a robust and flexible back office software, to build today's complete broking solution.

Some of the key advantages of using a completely integrated front-to-back office (FO-BO) solutions are:

- Real time trades from front to back office
- Real time client addition
- Single vendor to deal with for all your key technology solutions

Some noteworthy features of NEST Back Office are:

- Institution back office
- Portfolio management
- eKYC
- lead management
- CRM
- iSign (built-in digital signature)



Talk to us

Capitalizing on market opportunities means that you need to move beyond the closed and costly systems of the past. That means embracing open and innovative technology that delivers the most accurate and timely information to your team. With Refinitiv, you can always have the data when you want it. If you need to transact, you can connect. If you need to innovate, you can. Everything you need to realize your potential is there. Now, seize it.

For more information, write to us at marketing@omnesysindia.com
or visit us online at omnesysindia.com

Visit refinitiv.com

