



With electronic trading having become the Global norm, brokerage firms are now living in the reality of seamless markets that demand robust, scalable, instrument neutral trading platforms with efficient order routing capabilities. Brokerage firms need to demonstrate proven capabilities in speed and reliability in execution, multi-channel access points and robust risk management as much in order to attract new clientele as to retain the existing ones.

Orion is a customizable, high performance Trader Workstation for retail, professional and institutional traders that handles instruments such as **Equities, Commodities, Futures** and **Options**. Its modular design facilitates interface with multiple external entities such as Exchanges, Data vendors, and other communication networks, with minimal effort using FIX, proprietary TCP/IP messaging or any protocol of choice.

The speed and multi-instrument, multi-exchange trading capabilities of Orion are complemented by a comprehensive real-time risk management system, to give you an insight into risk associated with your proprietary as well as client open positions. **Real-time quotes** on user-definable **Touchlines** facilitate you to selectively view the market. User-defined **Alerts** enable you to focus on several issues at the same time while the system tracks the predefined conditions. Visual representations such as **Colour coding** of the touchline and **Graphs** together with summarized market information like **Market depth** and **Market movement** provide enhanced decision support to you.

INTEGRATED ORDER ROUTING SYSTEM (INORS)

INORS the Order routing module of Orion, is a high-performance, highly scalable Order Routing System, optimized to provide maximum throughput and reliability. The integrated risk management features allows the user to exercise a high degree of control on the entire process.

TOUCHLINE

Touchline is the market data window where scrip-wise data is received real time. You can selectively configure the instruments and columns for viewing in the touchline in Orion. Orion has predefined touchlines or you could define and save them. Your Touchlines can be Exchange specific, Sector specific, portfolio specific or can be a combination. Its customizable grid makes searching, adding and deleting an instrument, child's play.

SDG - ORION

A customizable, high performance multi-instrument, multi-exchange Trader Work Station & Risk Management System.

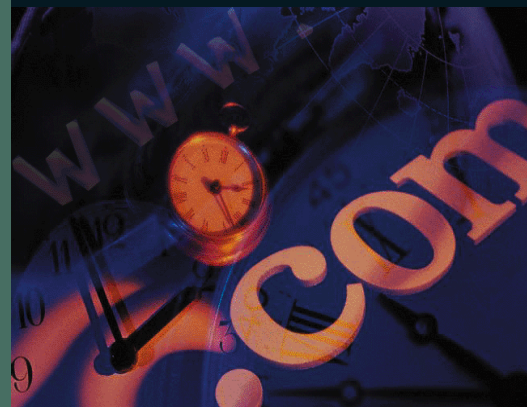
INSTRUMENT COVERAGE

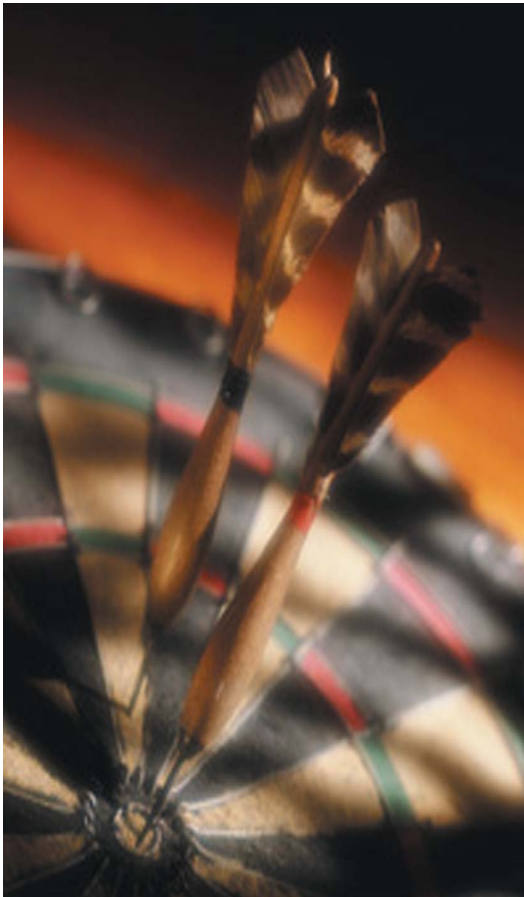
- Equity
- Commodities
- Futures
- Options

FLEXIBLE INTERFACE WITH MULTIPLE SEGMENTS AND MULTIPLE ELECTRONIC EXCHANGES

EXCHANGE CONNECTIVITY

- FIX
- Proprietary TCP/IP





for the open orders order like **Good Till Cancelled**, **Good Till Day/ Time**, **Immediate** or **Cancel** and **All Or None**. While placing large orders, you can reveal only a part of the total order at a given time.

FEATURES

- Send multiple orders to multiple exchanges and multiple segments simultaneously
- Facilitates multi-exchange and multi-market arbitrage
- Real-time interface to multiple electronic exchanges
- View, modify and quick withdrawal functions, to cancel all or selected orders by securities or by clients
- Placement of basket orders and batch orders
- User-configurable price, volume and depth-related triggers

FAST ORDER ENTRY

You can set Configurations to facilitate faster order entry. Both, mouse and keyboard controlled order entry are supported.

ALERTS

Alerts provide you with a tool that makes price and volume tracking and monitoring a simple job. You can set price as well as volume triggers on multiple instruments. As the desired monitoring levels are breached, SDG-Orion prompts you with pop-up messages. Alerts can also be set as a part of the Risk Management to track different levels of Gross and Net exposures.

FEATURES

- Configurable color indicators for variables (like asset class, bid or ask price) or events (like increase or decrease in price)
- Drag-n-drop rows and columns
- Display of market depth of an instrument in any two exchanges in a single window
- Display of top 'n' gainers and losers
- User-configurable ticker
- Corporate details of instruments
- User-configurable price, volume and depth triggers

ORDER MANAGEMENT

Orion supports a wide range of instruments including Equities, Commodities, Futures and Options. You can place **Market orders**, **Limit order** or **Stop loss orders** and set time validity

SOPHISTICATED USER CONFIGURABLE ALERTS AND TRIGGERS

- Price and Volume triggers
- Market depth triggers

TRADES & ORDERS BACK-UP ON REAL TIME BASIS

- User defined Touchline
- User-configurable ticker

FAST ORDER ENTRY





TRADE MANAGEMENT

You can view specific group of Trades using Filters such as – client-wise, instrument-wise, exchange-wise and segment-wise. You can receive trade confirmations/ acknowledgements. You can decide the periodicity of back up of trades - real time or batch mode basis.

ANALYTICS

- Cost-of-Carry calculator, for the valuation of Index and stock futures
- Options calculator, using Black-Scholes model for pricing of Index and stock options
- Several popular spread strategies such as Vertical or Calendar spreads, Butterfly, Straddles and strangles can be placed in the derivatives market with a single keystroke. Customized trading strategies can be designed and saved for future reference.
- Interface with MS-Excel add-ins, for customized analytics.

CHARTING

Charts allow you to monitor Instruments, Index movement and market depth on real-time basis.

REAL TIME PORTFOLIO MANAGEMENT

Specific client-wise Portfolio templates can be created. The portfolios get updated on a real time basis and hence the unrealized value of the portfolio also gets updated dynamically.

REAL-TIME RISK MANAGEMENT

- Evaluates risk at pre-trade & post-trade levels
- Real-time margining system for cash and derivatives markets with facility for user defined alerts at desired levels
- RMS administrator can monitor the limits of the brokers or dealers in a multi level hierarchical fashion
- Orders are scrutinized from the time they are placed until they are cancelled or traded and stored in an order log. The status of an order is updated continuously.

SECURITY

The in-built security system ensures that the sensitive data handled by Orion-RMS is protected from unauthorized access and misuse. It provides the supervisor with a high degree of control over assigning system-access rights to users. Users may be assigned individual rights or may be grouped together and given common rights. Hierarchical security, console auto-lock, access level security, single log-in per user at any given point of time and dual password system are some of the additional security features supported by the software.

ANALYTICS

- Cost-of-Carry calculator
- Options Calculator
- Built-in Single Key-stroke Trading Strategies
- Customizable Trading Strategies

CHARTING TOOLS

- Instruments and Index movement
- Market depth Graphs

Facility to interface with MS-Excel

Real-time Portfolio Management

REAL-TIME RISK MANAGEMENT

- Pre-trade and Post-trade Risk Management
- Position reporting & Risk Analysis

REPORT MANAGEMENT

- Pre-defined reports
- Ad-hoc reports

Robust, scalable architecture

Excellent after sales support



COMPREHENSIVE REPORT MANAGEMENT

Orion-RMS module provides a full-fledged reporting sub-system, with many pre-defined reports. It also facilitates user-defined ad-hoc reports. In addition, it provides a Report Manager to manage the generated reports, and a Report Viewer with advanced features, to view the reports.

The Report Manager acts as a repository. Every report generated is tracked with an entry in the Report Manager database with the report's name and the corresponding time-stamp.

COMPLETE AUDIT TRAIL

Orion has a comprehensive audit trail facility that maintains a record of every user's activity.

HIGHLY SCALABLE

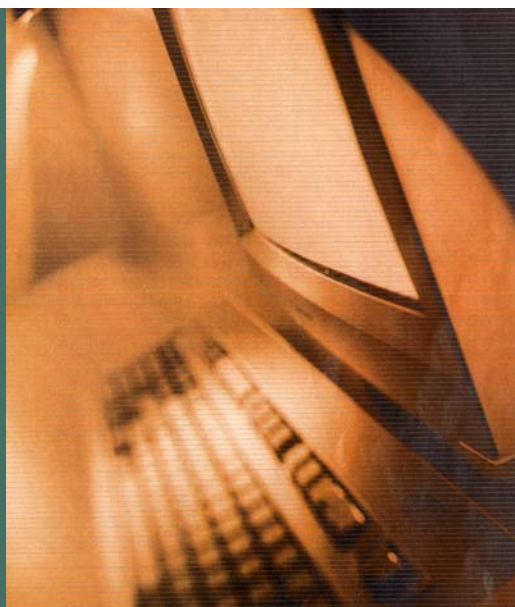
Its highly normalized database is capable of handling large volumes of transactions. Moreover, its multi-tier architecture allows it to scale easily on Wide Area Network.

FAULT TOLERANCE

Its efficient and low-cost application level fault tolerance is widely acknowledged across the Exchanges in the world. **SDG-Orion** interfaces with **SDG-Workhorse**, for the diverse clearing and settlement requirements. Orion can also connect to existing back office system on real-time basis to enable STP. Connectivity is provided using FIX, COM/ ADO based components.

CHAT

You can chat, pass market information to Traders across the network to each other using the Chat facility provided in SDG-Orion.



About Us

SDG Software Technologies is an India-based financial products & solutions firm. Its products are installed in many brokerage houses and stock exchanges all over the world.

Widely known and appreciated by its clients for the quality of software and support, SDG has years of hands-on experience in providing reliable and cost effective order management solutions.



Delivering value

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