

Trading System

.....

e-brokerage

manage multi-asset orders
from collect to market



worldline
e-payment services

..... an atos company

Business and technical expertise

Having a reliable and innovative trading facility, while ensuring compliance with the regulations is a vital asset to gain competitive advantage and market share.

Based on our expertise in online brokerage and our expertise in the industrial critical transactions processing, Trading System is a complete, simple, scalable and evaluative solution to reduce the cost of orders on always more complex instruments.

Advantages of the solution

- **Global and open brokerage platform for all types of orders: securities, derivatives, mutual funds,...**
- **Management of complex orders or non-native market orders** (follower multi legs strategies...)
- **Complete and configurable risk component**
- **Monitoring the activity and the risk**
- **Efficient administrative tools**
- **Regulatory Compliant** (MIF)
- **Industrial and international Platform**
- **ISO 9001:2008 certification**
- **ISO 27001 certification**

Distribution modes

Trading System software architecture is at state of the art. The solution can be deployed as needed:

- Multilingual Web Portal
- Web services
- RIA
- Android smartphones & tablets
- Other Channels

Financial Information

Worldline has developed over many years expertise in integration, processing and distribution of financial information

- Reception, integration and real-time indexing of financial information (markets, specialized agencies and publishers)
- Distribution of feeds (broadcast or on demand)
- Integration of your own flow of analysis and/or information
- Enhancement and personalization of information

Rich

Range of financial instruments available to retail customers is still expanding. With the advent of "online", it is a must to provide answers to experienced customers who look for complex products and powerful tools, including the conquest of a large audience offering accessible and understandable tools.

With *Trading System* 'retail' customers can interact easily on the main financial markets. They can take action on vanilla products such as ETFs and traditional mutual funds as well investing in advanced markets (foreign places, derivative instruments such as options and futures...)

Unifying

With various financial and increasingly specialized products, multiple exchanges and MTFs, orders are coming from diverse brokerage platforms... *Trading System* is a response, to move from the disparity and heterogeneity of order services to a modern and unified service with a full coverage of the brokerage business.

Effective

Trading System centralizes orders from various markets. It is a single and simple STP platform providing great independence to the end clients. This automation enables the Bank staff to concentrate on the Client and activity management rather than on administrative and technical tasks.

Parameterizable

Trading System is easily adaptable to specific needs of different brokerage services:

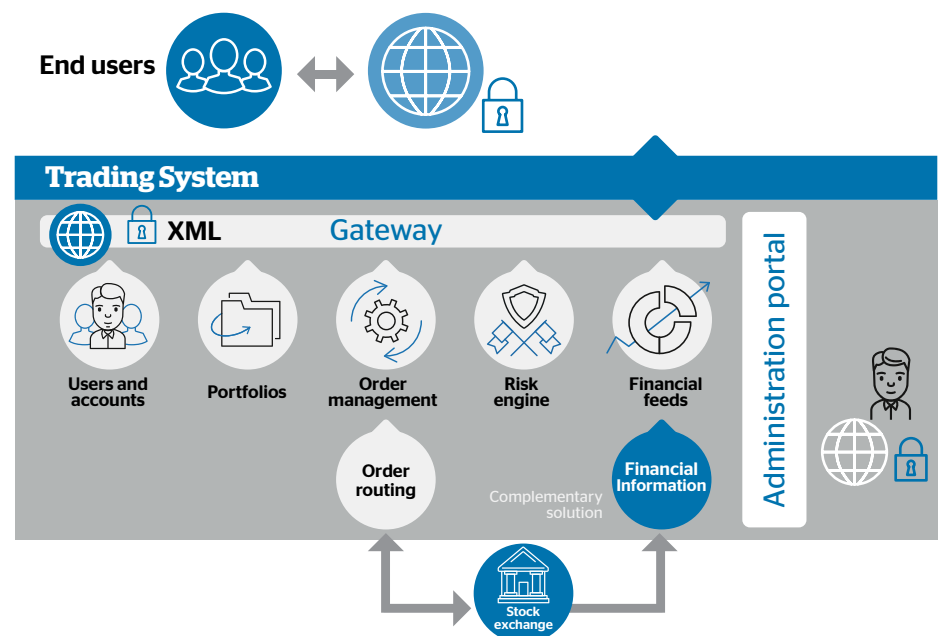
- administration of routing channels
- rights and characteristics of users and accounts,
- customer buying power,
- instrument referential,
- order book,
- fees and commercial offers

Scalable and industrial

Security services, brokers or banks process every month hundreds of thousands of orders. SOA oriented, highly scalable and integrated in industrial hosting facilities, *Trading System* is designed to handle high volumes and absorb load peaks following the market volatility.

The importance of Risk management

Regulators underline the importance of controlling margin call when placing an order. It is necessary to understand and manage these risks with powerful business-oriented tools. To meet these needs equensWorldline has developed an embedded and fully customizable risk component that control margin calls at user level (on securities and futures markets).



Functional completeness

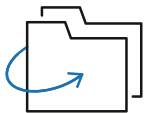
The Order Management System (OMS) incorporates all the necessary features on order management:

User Management



- Integrated "users and accounts" referential
- Management of rights and authorizations

Portfolios



- Valuation of positions, Corporate actions management
- Real-time position keeping

Orders



- Management of the order life cycle
- Management of (native and non-native) orders on securities, derivatives, mutual funds, including cut-offs...
- Management of strategies, generation of event triggered orders
- Orders integration from external systems (bank network, customers, partners...)

Routing orders to markets



- Interfaces with all major trading systems/markets : protocols FIX, SWIFT, regulated markets and MTFs
- Routing strategies management

Risk management



- Leverage (margin trading, short selling, RD...)
- Parametric model of risk component
- Securities
- Derivatives (available methods : SPAN ®, EUREX, MEFF...)
- Real-time positions (Intraday Portfolio)
- Order valuation in real time and order acceptance
- Business-oriented instrument referential (eligibility on Margin Trading, Short selling...)
- Management of the order life-cycle (market & user event impact)
- Live-reporting or batch-reporting for better risk management at user level

This fully parameterizable component can be adapted at customer / instrument levels. The risk management is applicable to all types of orders: securities, mutual funds, derivatives, cash transfer, multiple orders...

Executed orders management



- Execution Capture
- Fee processing (brokerage fees, subscription, service and exchange fees)
- Reconciliation, preparation of clearing/settlement instructions
- Contract notes processing
- Market anomalies detection

A solution adapted to your needs

For Online Brokers

Risk Management

On each order submission, the responsibilities supported by intermediaries (brokers, banks...) are considerable. To secure your customer risk management, *Trading System* brings you a vision of the client risk exposure. With the Risk Monitor tool, you follow in real-time the portfolio risk.

Administration

You administrate and monitor the activities of your brokerage platform using a dedicated portal:

- Real-time monitoring of portfolios
- Administration and monitoring of the order book
- Administration of routing channels, instruments, users and accounts repositories
- Market anomaly detection on your trades
- Management of pricing and commercial offers
- Access to the platform logs (audit trail)

For Brokers

Worldline offers to its broker clients the necessary tools for a powerful order management.

- Multi-protocol interface
- Large range of markets and trading platform access
- Enrichments / Controls
- Activity monitoring
- Front to Middle
- Safety and performance

For Financial products dealers

Funds, specialized financial instruments...
Trading System fits your distribution world by managing your orders on specific financial instruments. Your products follow the STP workflow and you drive through the administration interfaces to monitor and tune the activity.

For Private banks, Retail banks

Trading System is the link between you and your customers: any time, any place and with any device (web, mobile, etc.). Customers check their accounts online and send market orders.

To streamline and simplify the administration of your orders, concentrate all your order flows on *Trading System* to route to market: orders collected from partners, managers, networks... The OMS functions, clearing and fees will be applied according to your needs. The monitoring interface becomes the platform for monitoring your entire brokerage business.

Expertise by equensWorldline

equensWorldline provides Europe's most extensive end-to-end service portfolio both for payments and cards transactions. As Europe's leading payment service provider, we combine long-standing proven expertise in traditional mass payment systems (issuing, acquiring, intra- and interbank payment processing) and innovative e-commerce and mobile payment solutions. Our unparalleled footprint allows us to benefit from synergies and to accelerate our clients' time-to-market, making us a cost-efficient and competitive business partner for seamless, secure and efficient payment solutions.

**Interested?
Let's get in touch!**

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20
years
experience
in e-brokerage

6b
messages
integrated daily

10 million
of orders carried out
per year

More than
500,000
brokerage accounts
managed



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- Gilbert Dupont
- Oddo BHF

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