

Fidessa



# Advanced Trading Tools



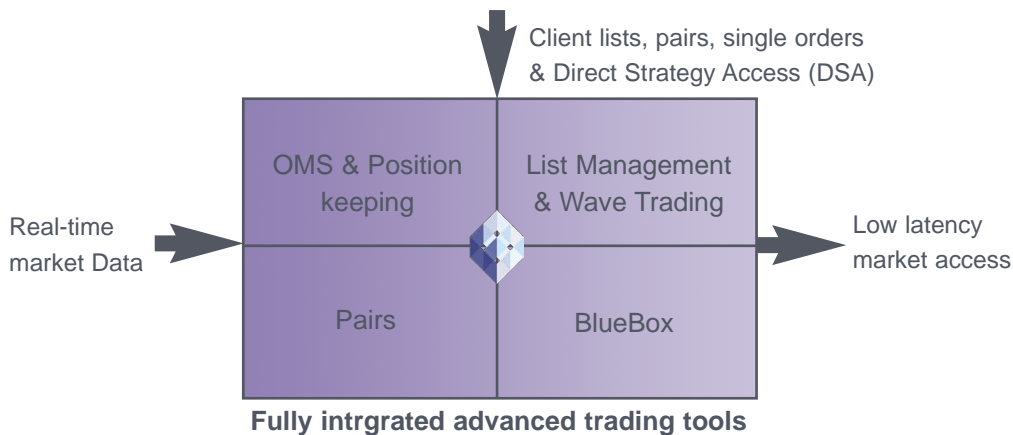
Buy-side Solutions . Connectivity . Sell-side Solutions

# Overview

Whether you need to manage client lists or programs, trade against VWAP, run M&A pairs or develop sophisticated and bespoke algorithms – you can rely on Fidessa’s Advanced Trading Tools to give you the leading edge.

## Integrated Solutions

Fidessa’s Advanced Trading Tools are the only automated and algorithmic trading solutions fully integrated with a full service order management and trading environment.



## Key Benefits

- Fully integrated with Fidessa’s order and STP workflows
- Low latency access to global equity and derivatives exchanges
- Real-time market prices, news, fundamentals and forecasts
- Global connectivity to over 92 exchanges, 255 brokers and 1,500 buy-sides

# Fidessa Pairs

Fidessa Pairs trading system automates the trading of client pair orders across global financial markets, enabling 100's of pairs to be managed simultaneously within an integrated order workflow environment.

The Pairs trading system provides easy monitoring of all pairs at both the pair and order level, with real-time calculations of prices, volumes and analytics.

Fidessa Pairs supports all popular pair models within a multi-currency and multi-asset environment, including Spread, Premium and Annualised Premium for pairs based on mergers & acquisitions, and Ratio and Inverse Ratio for mean reversion historical arbitrage.

Monitor and interact  
with Pair orders



## Key Benefits

- Increase trader productivity - many more pairs can be monitored and traded by one trader
- Reduce trading risk with advanced trading parameters and automatic suspension features

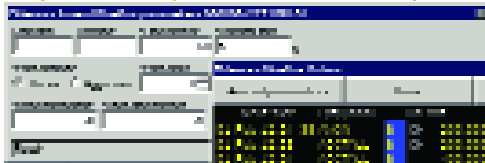
# Fidessa BlueBox

Fidessa BlueBox is the only algorithmic trading system that is integrated with a full service Order Management System. BlueBox offers traders both a suite of industry acknowledged models (VWAP, TWAP, Arrival Price, % of Volume) and a comprehensive framework to design and deploy proprietary algorithms.

Unlike traditional algorithmic engines, BlueBox allows traders to control and monitor their algorithmic orders from their existing order management screens. Traders can then quickly build confidence in their models, resulting in increased productivity and order flow.

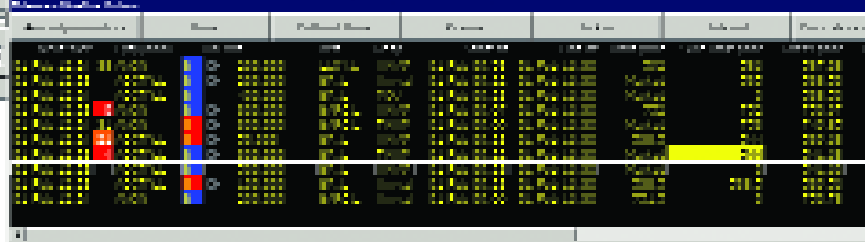
Traders can make instant adjustments to active slices and model parameters, allowing them to overlay their trading skill and take advantage of potential market opportunities as they arise.

Adjust model parameters on the fly



Control and monitor algorithmic orders

VWAP  
TWAP  
Arrival Price  
% of Volume



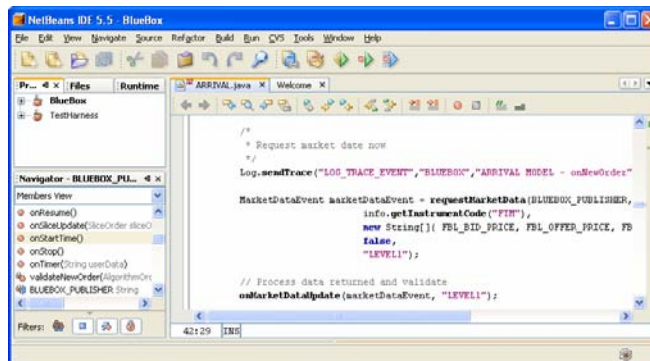
# Fidessa BlueBox

BlueBox also provides customers with a comprehensive development environment that allows for quick formulation and deployment of proprietary algorithms.

BlueBox offers a Java framework that empowers users to efficiently build unique and robust algorithms, allowing algorithmic developers to concentrate on the actual strategy components themselves, rather than the task of building and maintaining a technical infrastructure.

A high-level abstract API model insulates the user from needing any Fidessa-specific knowledge, and provides seamless deployment of algorithms.

Java development  
environment for building  
proprietary models



## Key Benefits

- Easy entry to algorithmic trading
- Retain customer order flow and reduce cost and reliance on external brokers
- Quick deployment of proprietary algorithms

# Fidessa List Management

Fidessa's List Management is capable of transacting large mixed-sided baskets whilst consolidating all trade and performance data in real time up to the basket level.

Intra-trade analytics measure real-time performance and any list that is being handled over multiple days has a set of performance values for the life-time of the list.

Paramount to efficiently handling large numbers of orders is the ability to identify and mark those that carry a potential market impact. The List Monitor also displays failed orders clearly to enable you to repair them without impeding the trading of the rest of the basket.

Electronic  
inbound FIX  
orders and  
spreadsheet  
loader

The screenshot displays the Fidessa List Monitor interface, which is a complex data visualization tool. It features a top navigation bar with tabs for 'NEW LIST MONITOR...', 'EXISTING LIST MONITOR...', 'ORDER TO DO', 'I. ORDER PLACED...', 'ORDER PLACED', and 'ORDER AS'. Below this, there are several data tables. The main table is titled 'Fidessa - Order view for basket: TFCOM (grouped by ADV Order)'. It has columns for 'Order ID', 'Order Description', 'Qty', 'Tot P&L', 'Buy value', 'Buy exec cost', 'Sell value', 'Sell exec cost', 'Discretion cost', 'P&L Done', and 'Order %'. The table contains multiple rows of data, including columns for 'Exec', 'ADV', '% ADV', 'Volume', 'Limit', 'Qty', 'Est. Qty', 'Gross Price', '%', 'RM Total', 'Bid', 'Offer', 'P&L', 'Status', and 'Bn'. The interface is designed for real-time monitoring and analysis of trading orders.

Real-time basket  
performance  
analytics

## Key Benefits

- High performance, multi-currency basket consolidation and profiling
- Real-time P&L and performance benchmark monitoring
- Add, append or move single orders into existing lists or create new lists
- Send orders to BlueBox for algorithmic management

# Fidessa Wave Trading

Wave profiling and pre-release analytics simulate how a slice of orders will perform prior to trading. This bulk order handling allows large numbers of single orders in a list to trade as one group rather than individually.

Fidessa controls multiple wave strategies across hundreds of orders by consolidating critical trade and market data against performance benchmarks such as VWAP.

Trading opportunities can be immediately highlighted allowing instant action to be taken through quick drill-down navigation and execution commands.

Pre-trade wave planning  
with multiple pricing models



Multiple release methods  
and wave alerts

## Key Benefits

- Wave re-pricing and pre-trade analytics
- Intelligent routing to execution venues
- Real-time wave consolidation and intra-trade analytics
- Send waves to BlueBox for algorithmic management



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