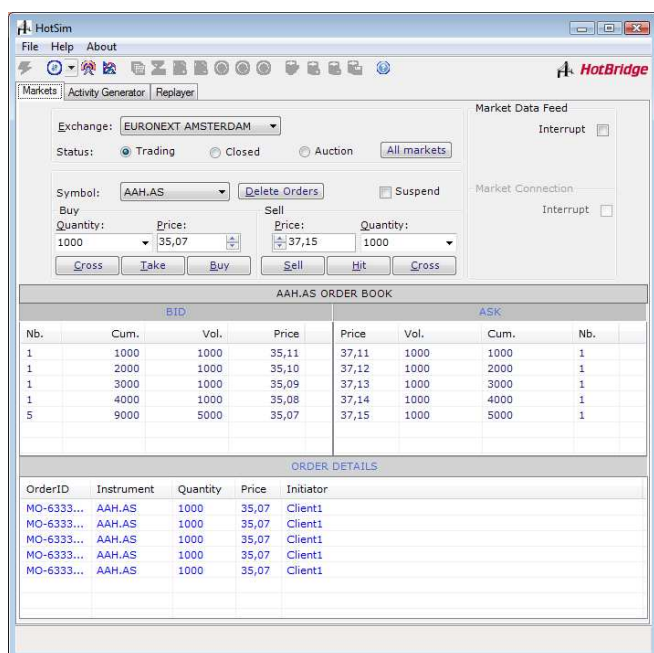


# Product Overview

## Smart Tools for Exchange Based Testing

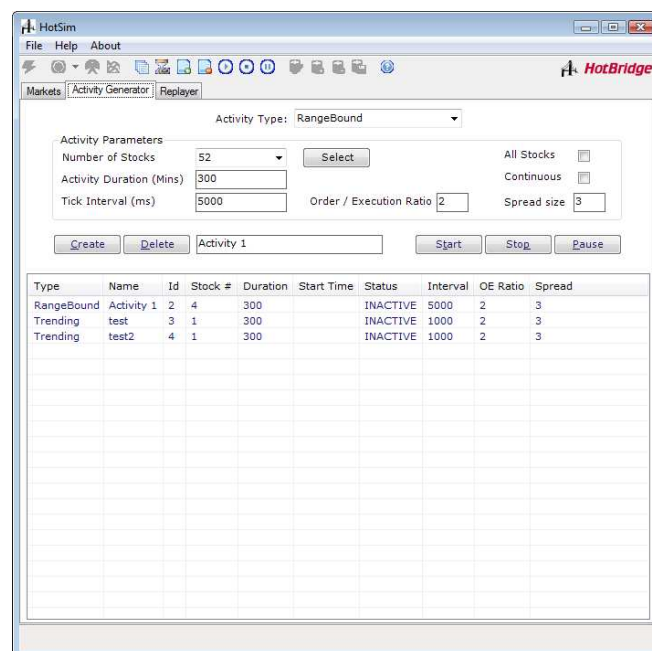
HotSim represents the next generation in test tools for your exchange-based applications, boosting productivity and quality assurance with its realistic simulation of exchange market activity. Deploying HotSim in your organization lets you focus on delivery under stable and repeatable conditions, unaffected by restrictive exchange test schedules, spurious market data, and interference from other test market participants.

With its support for both manual and automated test strategies, HotSim can be configured for any requirement, from developers testing a new feature; support staff reproducing a production bug; analysts back testing an algorithm, or testers hosting a stable environment for client on-boarding



Using the rich Graphical User Interface, testers can control the market interactively by placing orders to buy, sell, amend or cancel. As the order book changes, HotSim publishes trade, market volume and bid/ask updates to subscribed applications. This interactive approach is perfectly suited to situations that require single step execution, such as fine-tuning trading algorithm behaviour, or testing system responses to individual events.

For repeatable automated testing, HotSim's activity generator provides continuous market activity, using configurable simulations of trending and range-bound markets.



HotSim's data dictionary provides built-in support for multiple instruments across the most popular exchanges, with additional exchanges easily configured. The trading phase simulation allows the user to switch between continuous trading, auction phase, and market closed states. Crucially, HotSim's functionality goes beyond ordinary event, allowing the user to easily simulate trading suspension, market rejections, loss of connectivity and market data outages that can be particularly harmful in live trading environments.

## Markets

- LSE / SETS
- Euronext
- Xetra
- Virt-X
- Madrid
- Milan
- Stockholm
- Helsinki and others

## Product Overview

Built on a client-server architecture, HotSim can be deployed either stand-alone, or as one or more servers that are shared between multiple users and systems. The HotSim server features a FIX engine that connects to your applications using the industry standard FIX protocol. HotSim can be connected directly to your FIX enabled systems, or can connect to your FIX messaging hub for maximum scalability.

### Application of HotSim

- Unit testing
- Performance testing
- Regression testing
- Algorithm back testing
- Resiliency testing
- Production problem investigation
- Client onboarding
- New user training

The market data interface supports Reuters and GL formats, and can be easily configured for proprietary formats.

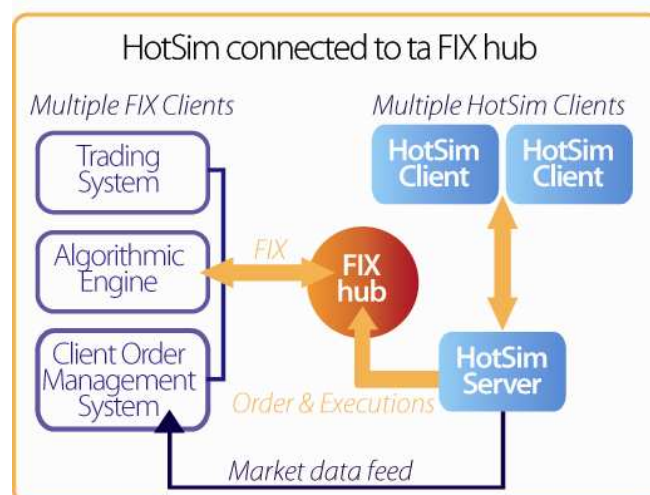
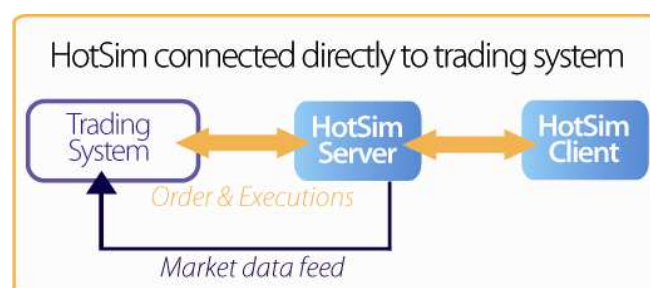
**FIX** PROTOCOL  
INDUSTRY-DRIVEN MESSAGING STANDARD<sup>SM</sup>



**To arrange a product demonstration**  
Email: [sales@hotbridge.com](mailto:sales@hotbridge.com)

For integration with your existing test framework, HotSim's command line interface allows you to control the server from a script or program without running the HotSim client. Alternatively, it can be called from a task scheduler to provide a stable test environment that is always ready at start of day.

Test simulations of market activity that have been defined and saved using the HotSim client can also be invoked and controlled via the command line.



HotSim was conceived and developed by I.T. professionals working in the algorithmic trading arena. Seeing that there were no suitable simulation tools available in the market for their need, they combined their business and technical expertise, and their extensive experience of system testing to create the HotSim server and client application.

To discuss your project needs in detail, or to arrange a product demonstration, email the HotBridge sales team.