



## + Case Study **Low Latency Trading**

*OnTrading is a rapidly growing hedge fund located in Chicago, trading multiple assets on multiple venues.*

### Situation

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OnTrading was looking for a solution to drive their equity arbitrage and market making business that was robust, flexible and not tied to a specific vendor. They also needed a solution that as they grew, they could add development staff and take over the maintenance and enhancement of the platform.

### Solution

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Connamara business analysts and engineers met with the principles of OnTrading and proposed a made-to-measure solution, drawn from the components of the Connamara Trading Stack, to fit their current needs and be expandable to meet future needs.

Components from the Connamara Trading Stack, when combined with the Connamara messaging middleware and API fulfilled the OnTrading requirements.

- + **HFT Framework** - Provides HFT trading services (Risk, Order Management, Pricing, Position Tracking and Command and Control)
- + **Client Gateway** - Provides authentication and last value cache for connected clients
- + **Position Server** - receive executions, calculate open positions and publish into system
- + **DB Recorder** - Listen for Connamara orders, executions and positions and persist into database
- + **PostgreSQL** - Back-end storage
- + **DB Publisher** - Republish Connamara orders, executions and positions for recovery
- + **Reporting Application** - Allows users to export trade data for reporting and analysis
- + **Client Application** - Display orders, positions, executions and algorithm control
- + **Security Master (Forerunner of TADD)** - Provide reference data for the assets being traded (Short Locates, symbology, etc)
- + **TestRunner** - Integration and regression testing framework



## Technology

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- + Server Components (with exception of Client Gateway) - C++ on Linux
- + Client Gateway - C# on Windows
- + Client Application - C# on Windows
- + TestRunner - C# on Windows

## Licensing

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All components are licensed under the Connamara Systems *Made-to-Measure* licensing program.

- + One time perpetual license for exclusive use, cannot resell
- + Includes source code

## To Learn More

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To learn how Connamara Systems can help you solve your trading technology problems

Visit [www.connamara.com](http://www.connamara.com)

- or -

email [info@connamara.com](mailto:info@connamara.com)