

About OnixS

OnixS [www.onixs.biz] is a specialist software business providing high performance multi-platform, multi-venue market data and trading handler software solutions.

OnixS offers a range of FIX and FAST products called the **OnixS selfConnect** range, and a range of venue specific products called the **OnixS directConnect** range.

The **OnixS selfConnect** range are FIX engine and FAST encoder/decoder components designed to be easily integrated within existing application frameworks.

The **OnixS directConnect** products are FIX and non-FIX proprietary protocol connectivity and market data solutions calibrated and certified for specific Exchanges, Liquidity Pools and Routing Networks/Brokers. They are specific solutions designed and packaged to save money and time in both the build and ongoing maintenance of the required market data and trading handler capabilities for trading strategies.

The key benefits of the **OnixS directConnect Market Data Handlers** are:

- Pre-certified - thus saving time and money in conformance testing with the venues.
- Supported – service level guarantee that the implementations are production strength, and will support current and future venue enhancements.
- Book management, synchronization and recovery – more than just a market data decoder. Provides full book management with recovery, instrument filtering by symbol and sub-channel – off loads the book management tasks to a specialized implementation.
- Market Data business logic management – inter and intraday static updates, incremental image updates - all the capabilities needed for trading strategy calculation engine data feeds.
- Low latency, high through-put, and low CPU load – designed for high-frequency and the fastest market data implementations available for the venues.
- Easy-to-use and flexible API – designed for rapid integration within trading strategy architectures, with a common API style for multi-venue implementations.
- Flexible logging – ability to analyze and diagnose issues and activity quickly
- Included fast-start source code reference implementations with client and benchmarking samples – designed for rapid familiarization and to get up and running rapidly.

The key benefits of the **OnixS directConnect Trade Handlers** are:

- Pre-certified - thus saving time and money in conformance testing with the venues.
- Supported – service level guarantee that the implementations are production strength, and will support current and future venue enhancements.
- Supports transport level optimization and session level state maintenance – ability to tune transport efficiency and provides session level state management.
- Low latency, high through-put, and low CPU load – designed for high-frequency, lowest latency usage.
- Easy-to-use and flexible API – designed for rapid integration within trading strategy architectures, with a common API style for multi-venue implementations.
- Flexible logging – ability to analyze and diagnose issues and activity quickly
- Included fast-start source code reference implementations with client and benchmarking samples – designed for rapid familiarization and to get users up and running rapidly.

The OnixS selfConnect and directConnect solutions are implemented on multiple platforms including Windows C++ 32 and 64-bit , Linux (RedHat, CentOS, Ubuntu, Gentoo, Suse SLES) C++ 32 and 64-bit, Solaris x86 C++ 32 and 64-bit implementations, .NET 2.0, .NET 3.5 and .NET 4.0 Framework 32 and 64-bit implementations, and Java implementations.