

FIX Enabling & Onboarding Services

EPAM Capital Markets Competency Center has been providing FIX protocol related services to Capital Markets industry players for over a decade. Today our world-class experts continue to deliver a comprehensive and mature set of FIX enabling and FIX on-boarding services backed with high-end automation tools and connectivity solutions to trading firms, brokerages, clearing houses, and exchanges.

FIX Enabling Services

FIX enabling services satisfy such needs as legacy platform accessibility via the FIX protocol, system migration to a different version of FIX protocol, trading of a new set of financial instruments, etc.

EPAM Capital Markets Competency Center's FIX enabling services are designed to address the above mentioned issues and span:

- > Development of public FIX interfaces and rules of engagement documents
- > Analysis of legacy platform APIs and creation of mappings of internal data structures to FIX workflow and messages
- > Development of communication layers to accommodate FIX connectivity in a most efficient way to match or exceed performance of native/legacy APIs
- > Creation of FIX communication layer using EPAM Capital Markets Competency Center's B2BITS proprietary or open source solutions
- > Deployment of solutions and their connection to all required FIX compliant destinations using proprietary or client's configuration and testing tools

EPAM Capital Markets Competency Center's teams of highly qualified business analysts, technical architects, developers and QAs have strong knowledge of FIX and hands-on experience of working with such kind of systems/projects to enable brokerages, exchanges, and buy-side organizations to trade all asset classes.

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FIX Enabling & Onboarding Services

EPAM Capital Markets Competency Center promotes the use of the latest FIX protocol versions (FIX 5.0) to cover derivatives trading needs. Additionally, our FIX enabling services portfolio includes consultancy for post-trading messaging via FIX.

Learn more about our services at www.epam.com/b2bits.

FIX On-boarding Services

New implementations of order management and execution management platforms coming to the market are typically equipped with the FIX communication layer. FIX on-boarding services cater for the need to accept clients for trading on these platforms.

Different FIX systems may have slightly different FIX public interfaces or FIX interpretations even if they use the same FIX version. Also different FIX Engines can have some specific behavior especially in the cases where more than one interpretation of FIX protocol is possible. Therefore FIX protocol customization, special platform configuration, and certification may need to be implemented before clients can start trading.

EPAM Capital Markets Competency Center offers FIX on-boarding services and relevant automation tools to expedite this process.

Our FIX on-boarding services include:

- > Fully automated on-boarding workflow process
- > Development of public FIX interfaces and rules of engagement if necessary
- > Highly qualified quality assurance specialists dealing with customers support directly
- > Option to outsource to fully managed services offshore

Feature	Description
FIX Automated Certification and Testing System (FACTS)	<ul style="list-style-type: none">• Highly customizable, script-based and interactive test automation and certification system• Supports all standard FIX/FIXML versions and customizations• Predefined set of tests for all asset classes and trading phases• Ability to customize and/or create custom workflow scenarios• Built-in administrative suite with comprehensive reporting
Software Testing and Automation Framework (STAFF)	<ul style="list-style-type: none">• Provided as set of assumptions, concepts, and practices enabling automated testing of FIX applications• Test definition via XML document containing list of Actions, executed in the specified order.• Ease of creation and management of test cases and environments• Ease of tests integration into build process• Ability to run STAFF in distributed environment using remote actions
Industry best FIX log analyzers (FIXEye and FIXGrep)	<ul style="list-style-type: none">• Extracts FIX messages from arbitrary file• Enables free form google-like text search in FIX files• Excel-like tables to show, filter and search for FIX messages• Order and session back trace• Order blotter• Real-time monitoring and alerting• And many more...
FIX reference source / dictionary (FIXopaedia)	<ul style="list-style-type: none">• The fastest and most comprehensive 100% FIX compliant dictionary• Allows FIX dialect customization• Feature rich:<ul style="list-style-type: none">- Session level messages- Application level messages- Component Blocks- Repeating Groups- Tags• Powerful search: context based or by Messages & Fields

Our FIX on-boarding services have been utilized by some of the biggest investment banks, exchanges and brokerage houses.