

CAPITAL MARKET SOLUTIONS



Bringing seamless automation and implementing STP in Securities Trading Back-Office Processes



STP ENABLED BACK OFFICE SYSTEMS, IMPLEMENTED GLOBALLY, FOR LEADING BROKERS AND CUSTODIANS

Anshinsoft specializes in architecting and developing comprehensive back-office systems for Securities Brokers and Custodians.

We have successfully implemented such systems in major capital markets around the world like **USA, Japan, Hongkong, Singapore** etc enabling our clients to achieve STP in post-trade settlement processing, quickly and cost-effectively.

Anshinsoft's solution offering for implementing new generation back-office systems is ***Infusion, our infrastructure frame work for J2EE application development.***

Infusion ensures robust, high quality implementation and helps isolate infrastructure technology from application layer, allowing developers to stay focused on business domain instead of worrying about underlying technology issues like – scalability, transaction control, message handling, exception handling etc.

Key features present in our back office implementations

Support for variety of Markets and Instruments

- ◆ Equity, Fixed Income, MBS, Stock Loan, Repo, Forex, Money, Banking and more....

Handles Cross border trades under a multi currency environment

- ◆ Interfaces in real time with various financial institutions like Exchanges, Depositories, Clearing Corporations, Custodians, Brokers , RTTM (real time trade matching engines) etc

Versatile Reporting engine

- ◆ Generating market specific reports for various purposes as well as customizable transaction and holding reports

Pre built tested components covering the main tenets of Intra-firm STP

- ◆ N-tier architecture and loosely coupled components
- ◆ Gateway for communicating with external entities using S.W.I.F.T (ISO 15022) messaging
- ◆ JMS compliant real time messaging infrastructure
- ◆ Customizable exception monitor, to capture and deal with exceptions thrown up during processing
- ◆ XA support for managing data integrity in distributed transactions
- ◆ Authentication and authorization features
- ◆ Fully scalable to handle huge volumes

Functional details

Reference Data

Repository for registering

- ◆ Accounts
- ◆ Financial Instruments
- ◆ Financial Institutions
- ◆ Other attributes like regionwise Holiday Calendar

Trade Capture

- ◆ Interfacing with other systems in real time to capture trade data
- ◆ Trade validation and enrichment of trade attributes like Tax and Brokerage fees through rule based system
- ◆ Support for trade matching and comparison
- ◆ Support for Principal and Agency trades

Corporate Actions

- ◆ Enables real time integration for receiving corporate action notifications and allocation of benefits to customers

Tax

- ◆ Tax accounting and reporting including withholding taxes

Settlement

- ◆ Automatic determination of Standing settlement instructions (SSI)
- ◆ Supports both Client side and Street side settlement (DVP/RVP and FREE cases)
- ◆ Automatic transmission of settlement instructions to external parties
- ◆ Trade and settlement confirmation
- ◆ Receiving pre-settlement matching and completion status from Custodian/CSD
- ◆ Support for Contractual settlement
- ◆ Support for Wire instruction

Position Management and Accounting

- ◆ Comprehensive rule based posting engine for client and firm transactions
- ◆ Handoff ledger balances to external accounting systems
- ◆ Perform calculations like Book Value, Realized & Unrealized Profit and Mark to Market
- ◆ Reconciliation with other Brokers and Custodians
- ◆ Managing Nostro and Depository Balances