



ANSHINSOFT : A Brief Profile

Overview :

Anshinsoft was founded in Silicon Valley (California) in 1999 with an exclusive focus on e-Business software development, leveraging Java EE platform and best of breed open source software technologies. Its state-of-the-art software development center in Kolkata (India) has been delivering high-quality, mission-critical, enterprise software solutions to customers in USA, Japan, Hong Kong, Singapore, London, Dubai and Vietnam. Currently Anshinsoft has approximately 175 employees; about 160 of them are in India, and the rest are spread across various other global locations.

Anshinsoft has been delivering a wide range of IT solutions and services using new generation Java EE and .NET technology platforms. A major focus area has been building solution for Capital Market industry, primarily securities Brokers & Custodians. Over the last 7 years the company has implemented multiple securities trading back-office systems, helping to automate the entire post-execution trade life-cycle management for customers in major capital markets around the world. Our back-office solution helps in shortening the 'trade & settlement' life cycle by enabling STP, virtually eliminating manual interventions to increase productivity in back office operations, minimizing costly process exceptions, and reducing exposure to financial risks.

Anshinsoft also offers a state-of-the-art, Java based, Enterprise Reporting Solution (Repro) for custom-building high-quality, scalable, secured, web-enabled, enterprise-class reporting systems, at much lower cost of ownership. Repro has been successfully deployed in top-tier Wall Street companies, generating thousands of reports in various business areas - client reporting, portfolio reporting, risk management reporting, regulatory reporting and other operational reporting purposes.

Our Technology Profile

Anshinsoft harbors a rich pool of human resources trained and experienced in modern agile technology stacks. Our cost-optimal and global delivery model is centered around our skilled technology team and mature-, knowledge driven software engineering practices.

- Our Java Center of Excellence houses 120+ professionals, handpicked and thoroughly trained in the complete Java EE stack.
- Our .NET team has delivered enterprise quality solutions to clients around the globe.
- Our new technology cell focuses on nurturing emerging technologies on the JVM and the CLR. This team works on languages like Ruby, Scala and Rhino that are proving to be major forces on the VM technology front.
- Our in-house knowledge management and knowledge sharing practices disseminate best practices amongst every member of our technology team.

Anshinsoft is an ISO 27001 certified company for ensuring corporate information security.

Capital Market Back-Office Solution - An Outline

Anshinsoft offers a comprehensive, modular and customizable capital market back-office solution, built on industry standard Java EE technology platform that is scalable, extensible, easy-to-maintain, and independent of hardware or operating systems. The solution helps to automate the entire post-execution trade & settlement management, along with supporting all necessary housekeeping functions, enabling our customers achieve intra-firm STP. The solution is capable of handling complex market practices of the developed capital markets and also offers the flexibility for handling changes in market practices that are very typical of the emerging capital markets as they mature over time.

Some of the salient features of the solution are :

- Supports multiple asset classes seamlessly on a single platform
- Supports cross-border trades and multi-currency settlements
- Supports multi-enterprise, multi-office operational environment
- Configurable rule engine for business rules & controlling system behavior
- Can be easily integrated with existing front and middle office systems
- Provides horizontal scalability for handling transactional growth

Therefore the solution is suitable for most of the major capital markets around the world without requiring major changes, other than configuring for a firm's specific business processes and localizing for specific market practices & regulations.

The solution is built using state-of-the-art technology framework to ensure a robust, scalable and high-performing system that is easy to maintain and enhance. Major benefits of the solution's technology architecture are:

- Java EE Compliant Design and 100% pure Java implementation
- Seamless deployment in any Java EE Container
- Web enabled deployment
- Loosely coupled and modular components, interacting through asynchronous messaging, provide scalability and robustness
- Supports industry standard middleware for failsafe operation
- JDBC persistence layer
- XML messaging allows easy integration with internal & external systems
- Configurable exception processing management framework
- Proven to handle high transaction volume, making it suitable solution for retail and institutional trading operations

Enterprise Reporting Solution 'Repro' - An Outline

Repro offers open standards based, platform-independent, fast, robust, scalable and extensible reporting solution, which can easily fit into any application and operational environment. It provides a centralized, easy-to-manage environment platform for capturing and organizing enterprise-wide reporting requirements, for scheduled and on-demand report generation in choice of industry standard formats, using web-enabled delivery mechanisms. Access to reports (or part of a report) can be controlled by a configurable role based access control policy.

Repro has been built using industry standard technologies, and aims to be a one-stop solution for mission-critical enterprise reporting requirements. Repro provides a powerful, centralized, web-based report generation and management services for enterprise-wide usage. It allows capturing, organizing and storing reports in a centralized, version-managed repository. Reports can be scheduled and delivered as per the recipients desired output format, scheduling preferences and security level. Repro consists of following components :

- Repro Enterprise server
- Repro Designer
- Repro Dashboard

Repro Enterprise Server

The core of the Repro Enterprise Server is the Repro engine that processes report templates and communicates with different data sources (XML, RDBMS, flat-file, etc.) for bringing the required data to create the XSL formatted objects (XSL-FO) as specified in the template design. Subsequently reports are rendered in different output formats by XSL FO processor (Apache FOP or IBEX).

Repro Designer

Provides a GUI based tool for report design capabilities. It's main features are :

- Report layout design with preview capabilities
- Data Source Integration for variety of data types (DBMS, XML, Text, ..)

Repro Dashboard

Repro provides a web based management dashboard that provides the administrator a single window to monitor the entire reporting application, from anywhere. The supported features are :

- Monitoring status of the scheduled reports or batch report generation
- Start, Stop and Resume the scheduled jobs (with calendar support)
- User management and role based access control
- Template management and version control
- Delivery management and scheduling automatic distribution