

Case Study : US Based Financial Company: Portfolio Management Application

Scope

In order to better manage the security issues of its site, a leading US Financial Portfolio Management company approached ODA. Since the client's requirement to adhere to safety regulations in the stock market underlined its business logic, the client entrusted ODA for implementing security of its site. Impressed with the services they received, the client entrusted ODA with its project entailing automated portfolio monitoring, trend-analysis and client service.

The client – in order to eliminate the fear, uncertainty and doubt around timeliness, knowledge and accuracy of compliance violations – wanted that its web-site for financial tracking should enable instantaneous and consistent detection of exceptions to both regulatory and company guidelines. Further, it should also detect and alert when undesired trends develop over time, all against custom parameters.

Methodology

The technology platform comprises Open-Source Technologies Python, Zope (web server), DTML, MS SQL server (database), Pearl and Eagle (ETL tool). Following major modules were developed in the application.

- Automated Employee Trade Monitoring and Pre-trade Clearance
- Portfolio Management Process Checking
- Performance Dispersions
- Fiduciary Risk Monitoring and Management
- Anti-Money Laundering, provided by governments and countries worldwide.
- Best Execution

Benefits to client

- Enabled the client to enhance its monitoring systems to provide services like data processing specially in tracking portfolio, automatic portfolio management, reporting, on-demand analysis, trend analysis and exception reporting.

Added value to client

- In-depth knowledge of the financial industry specifically trade execution, pricing and portfolio management
- Ability to deliver cost-effective solutions with high quality (project delivered at less than half the cost estimated by internal resources)
- A reputation for adherence to strict deadlines.