
Project Case Overview

An investment management firm in the USA wanted to make improvements to the rebalancing function within their portfolio management system and develop their own portfolio rebalancing engine.

The company wanted the rebalancing engine to provide the following:

-A rich set of rebalance settings options

-Sophisticated cash and tax management trading rules

-Advanced asset buying and selling priority rules

-Equivalent securities rules

-Product constraints capabilities

-Trade minimum and sell-all trading rules

Resolute assisted in the development and documentation of the requirements; the design of the rebalancing engine, the development of a testing strategy, plan and test cases; and the execution of testing and implementation of the solution into production.

Scope & Objectives of Project

- Design, build and test a full-featured rebalance engine.
- Streamline the existing rebalancing process including the reduction of the number of screens required to navigate to rebalance a portfolio, reduction of the number of portfolios with exceptions to be reviewed and performance improvement for the quarterly rebalance process.
- Automate two operational processes by integrating them into an e-delivery sub-system.
- Provide a number of additional features to the portfolio management system, such as improved security for user login and new reporting.

Key Client Benefits

- A state-of-the-art rebalancing engine for its portfolio management system provided the client with enhanced operational efficiencies as well as improved marketing capabilities in its business development activities (i.e.: recruitment of new advisors to their service offering).
- Minimal trading risks due to comprehensive testing of the new rebalance engine.

Key Activities

- Define and document client's business requirements.
- Design new rebalance engine with client and platform provider.
- Review design of user interface changes with client and platform provider.
- Create comprehensive test strategy, plan and test cases for the rebalancing engine as well as user interface changes (packaged into two phases).
- Assist in all UAT tests for the rebalance engine and user interface changes.
- Assist in the implementation of the engine and user interface changes to production.
- Provide post-implementation support and transitioning to an application support team.

Major Deliverables

- Detailed business requirements document.
- Completed analysis of design documents for rebalance engine and for user interface changes.
- Documented test strategy, plan and test cases as well as testing results.

Length of Project

- 16 months

RTS Resources

- Analyst
- Delivery Manager