

## Portfolio Management System for a leading global Investment Banking and Financial Services firm

### The Client

The client is a leading global investment bank serving institutional, corporate, government and high net worth clients. Its businesses include securities underwriting, sales and trading, investment banking, private equity, alternative assets, financial advisory services, investment research, and asset management. It operates in more than 68 locations across more than 33 countries on five continents.

### The Challenge

The prime brokerage function facilitates multi-currency financing, clearance, settlement and custody of securities transactions by active market participants. Investment managers may utilize more than one broker for the execution of trading strategies, but use a prime broker to maintain a single set of books and records and provide efficient cross-margining as well as consolidated position reporting. The challenge for the client was to be at the forefront of Prime Brokerage business and to differentiate themselves from the competition by providing value added services.

### The Objectives

- To create a real-time position and balance engine for the firm.
- To serve the Prime brokerage client better and provide real-time reporting and error correction capability.
- To develop a true STP solution in their operating environments.
- To differentiate themselves from the competition.

### The Solution

Our team assisted the client to develop a Portfolio Management System using Advent Software's Geneva Accounting Engine. The solution had real-time portfolio accounting capabilities, which gave investment professionals reliable information that they needed to manage the complex requirements of operating twenty-four hours a day in investment markets around the world. The solution provided efficiency and scalability of back office processes, enabling a new class of internal reporting and customer service. The solution was designed to scale with a variety of client and asset volumes. The system also has multi-dimensional reporting capabilities with a choice of numerous views, integration with in-house tools and distribution of reports over the web.

The solution allowed them to offer their clients a wide array of advanced services, which put them among the leaders in this business.

### **Tools and Technologies used**

- IBM WebSphere (Application Server)
- Sybase (Database)
- Advent's Geneva (Global Portfolio accounting system)
- Java, XML, Perl (Languages)
- Unix (Operating System)
- Visual Café (IDE)
- DBArtisan, Exceed (Tools)