Managed Account Rebalancing System (MARS)

SoftPak
Financial Systems

Product Overview

Developed in partnership with Northfield Information Services and Checkfree APL, MARS is a client server, highly scalable application that allows asset management firms to automate and streamline the portfolio rebalancing process for a very large number of portfolios.

- Supports risk/alpha based optimization
- Has powerful tax efficient optimization capabilities
- Can rebalance using gain/loss trading rules
- Provides connectivity to Oracle, Sybase, SQL Server and DB2
- Reports can be viewed in Windows or on the Web
- Supports Overlay Account Management
- Supports Composite Models

Main Components of MARS

- Customized Reporting
- Rebalancing Templates
- Tax Efficient Optimization
- Rebalancing Utilities
- Overlay Account Manager
- Batch Management
- Trade Reports and Overrides
- Trade File Creation
- Model Maintenance
- Composite Model Maker

Key Benefits

Risk-based and Rule-based Rebalancing

You don't have to choose between risk based or rule based rebalancing – MARS uses Northfield's Open Optimizer technology – any structured risk model can be used with this rebalancing method. In addition, MARS also has a built in rule based rebalancing engine that allows users to enter rules and criteria to buy and sell positions. MARS is the only fully integrated open software solution that offers both methodologies and is specifically designed for the Managed Account Industry.

The Overlay Account Manager

The Overlay Account Manager allows users to create and rebalance overlay accounts. These accounts, as well as Composite Models, can be maintained and updated in the MARS database.

- Create and maintain Overlay Accounts
- Create and maintain Composite Models
- Rebalance Overlay Accounts
- Separate trades by the sub-accounts

Tax Efficient Optimization

MARS uses Northfield Open Optimizer's tax smart trading feature to help you fully utilize tax efficiency.

- Tax Smart Loss Harvesting
- Tax Smart Cash Withdrawal
- Tax Smart Gain Harvesting
- Minimizing Taxes
- MARS also has a built-in feature that allows you to adhere to any security level restrictions (ie: no tobacco, no alcohol or no gambling) while taking advantage of tax-efficient trading strategies.

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Features

Templates and Utilities that Automate the Rebalancing Process

MARS provides several useful utilities and templates that help the users simplify and automate routine optimization tasks. Users can use these templates as is or customize the default settings.

- Clone a Model
- Withdraw Cash
- Harvest Losses
- Buy or Sell Only
- Set Restrictions
- Remove Restrictions
- Batch Creation
- Data Maintenance
- Database Upload
- Trade Override

Content-rich Reports

The reporting component of MARS can be used to produce a variety of content-rich results. This is possible because all the input and output data is available directly from the database. MARS comes pre-loaded with fifty of the most commonly requested data reports.

- Aggregate Reports: The data can be aggregated by accounts or by securities
- Composite Reports: BOA can generate a report that contains a combination of text and graphics
- Custom Reports: Users can customize existing reports or add new reports

MARS also provides a choice of formats, all the reports can be viewed and saved in several different formats – these include PDF, HTML, XLS, CSV, XML.

Volume Processing

For companies that have tens of thousands of accounts to process, we also offer MARS Enterprise, a revolutionary product that allows you to rebalance a thousand portfolios in under an hour. It offers these unprecedented features:

- Parallel Processing on multiple computers
- Remote Monitoring
- Job Scheduling

We can have your system up and running in a week. Here's how we do it.

1. We install the MARS schema into your corporate database server. MARS supports Oracle, Sybase, DB2, SQL Server and MS Access.

2. We load your holdings data into the MARS database server using MARS utilities and stored procedures. MARS can also load data directly from Checkfree APL servers.

3. We install MARS client software on user desktops – then they're ready to communicate with the MARS database server and rebalance large numbers of portfolios.