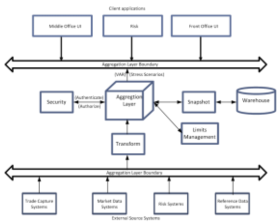
Risk Aggregation for Hedge Funds



CAPABILITIES

Data Sources

- Messages
- CSV
- RDBMS

Enterprise Integration

- Security
- Adaptors
- Point in Time Snapshots
- Operational Monitoring

Analysis Dimensions

- Portfolios
- Instrument Types
- Counterparties
- Markets

Solutions

- HVaR
- Position Aggregation
- Stress Testing
- Funding
- Valuations
- Pre-Trade Analysis

Risk Aggregation requires the definition, gathering and computation of large amounts of risk data of varying quality from multiple disparate sources.

Implementing a robust Risk Aggregation platform creates challenges of Completeness, Timeliness, Accuracy and Adaptability, for example:

How do I…

…aggregate risk across all my asset classes?
Each asset class may have its own risk calculator and format.

…react in near time to market events that can materially impact risk across asset classes?
T-1 risk reports do not help to monitor T0 exposures and limits.

…create and execute What-If scenarios and analyze their impact on non-linear risk measures such as VaR?
Overlaying EOD sensitivities with scenario analytics is challenging.

…perform multi-dimensional analysis of risk data in real time?
Multiple views on the same data elevate development time and cost.

The costs and risks associated with maintaining a non-dynamic risk aggregation platform can impact trading and investment decisions, affecting a Hedge Fund's competitiveness in the market place.

A dynamic Risk Aggregation platform offers a cost effective solution that maximizes value for Desk Heads and Risk Managers, including:

- Aggregations and reconciliations (T0 vs T+1)
- Estimations and derived calculations
- Historical aggregated views
- Drill-through and drill-down capabilities
- Limits Monitoring
- Dynamic "on the fly" views across multiple dimensions