ALTO* Portfolio Design

Portfolio construction and optimization: from ideas to implementation

Amundi Technology provides asset managers and institutional investors with an ALTO* module to manage tailor-made portfolios, and normalize the definition of a portfolio management process. ALTO* Portfolio Design is a complete and unique solution with no competition due to the full and comprehensive coverage from investment universe to portfolio implementation.

The solution offered by Amundi Technology is integrated into ALTO* Investment, its in-house Portfolio Management System (PMS), benefiting from the latest innovations. This platform is improved with a continuous delivery organization, and recently a dedicated module for portfolio construction based on optimization has been implemented. ALTO* Portfolio Design stands as a Portfolio Construction platform and covers the value chain from portfolio construction, taking into account customized constraints and specific filters, to portfolio rebalancing and trade programming. From investment ideas to portfolio implementation, including the performance of specific optimization, market scenarios back-testing, ex-ante risk and performance analysis.

Portfolio Design management process as building blocks

Investment Universe

Build an investment universe, with index, portfolios, factors, custom list, etc..

Universe scoring and filtering

Screen a universe with simple predefined calculation or complex custom calculations that can be used as filters for the next steps.

Portfolio construction

Weigh assets of the screened universe using

different methodologies: equal risk contribution, Black-Litterman, factor investing, custom, etc.

Portfolio optimization

Perform optimizations using a profile linked to an optimization engine (MSCI Barra risk models)

Analysis views

Analyze each portfolio and ideas through customized widgets using risk ex-ante exposure

Portfolio implementation Define your trading plan and push your order list to your PMS



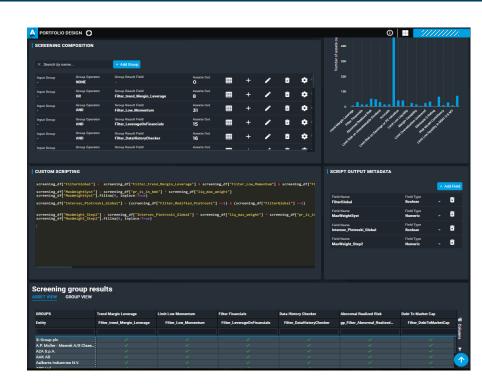


ALTO* integrates Portfolio Design to meet the specific needs of portfolio managers seeking innovation and robustness in designing their portfolios. It completes a wide range of functionalities for portfolio managers. This scalable module enables the client to experiment, validate and deploy its own portfolio construction chain.



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ALTO* Portfolio Design relies on an open architecture and a generic data model, both designed to integrate any portfolio management process. These two features provide an evolving and flexible solution to improve continuous deliveries by allowing modifications, loading new optimization libraries or even adding new languages. The Excel and VBA tools are replaced by an industrialized web-based UI and Python which can integrate shareable data into its process and deliver valuable insights through customized dashboards.





- Normalize the management process
- Stand-alone service, open to all Portfolio Management System
- Possibility to connect ALTO* Portfolio Design with other risk model provider
- Fast and scalable optimization calculation
- Integration of any type of metrics
- Automation of any risk/optimization engines
- Elaboration of tailor-made analysis views
- Portfolio management process as building blocks, shareability across desks



ALTO* Investment

ALTO* Investment is Amundi's Portfolio Management System (PMS) covering the entire Asset Management value chain and providing a 360° portfolio view for all asset classes. Amundi Technology offers outsourced solutions for technology & operations and makes the ALTO* platform available to external asset managers and institutional investors.

ALTO* users can, for example, analyze and manage portfolios, simulate the impact of orders, make investment decisions, perform middle office operations, measure performance, monitor exposures and risks.

ALTO* Portfolio Design is a dedicated web module for portfolio construction.

*Amundi Leading Technologies & Operations

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