ALTO*: Portfolio Management System
A Front-to-Back integrated investment management platform in SaaS mode offering a 360° portfolio analysis

Distributed by Amundi Services, ALTO* PMS offers a cross-asset and integrated front-to-back solution, covering the entire investment management life cycle, including position keeping, portfolio analysis and simulation, order booking and execution, compliance, performance and reporting. Its comprehensive functional flexibility allows to adapt to all types of investors: Asset managers, Insurance companies, Pension Funds, Family Office.

ALTO* fully integrated solution provides a 360° view of all information required to analyze, manage, control portfolios. It covers all asset classes and facilitates portfolios managers decision-making in real-time.

As a Software as a Service platform, ALTO* provides clients with continuous delivery, enabling faster and cheaper client onboarding and avoiding long and expensive upgrades. ALTO* has been designed with Portfolio Managers and operational users inputs to match business requirements as closely as possible and avoid the pitfall of a stack of tools, files and processes.

ALTO* benefits from the latest technology innovations allowing programmable portfolio construction (Python, R), machine learning and portfolio managers user experience. Besides, ALTO*, as an international multi desk platform, follows the latest market trends and regulatory evolutions.

ALTO* covers the entire Asset Management value chain offering a robust and complete STP process.

- **A decision support platform** with advanced features: simulation, convergence, portfolio construction, look-through while complying with internal, regulatory and client constraints.
- **A strong Order Management System** (OMS) enabling the creation of all types of orders from executions to the settlement allowing Best Execution.
- **A post-execution transaction processing** from confirmation with counterparties to settlement through connectivity to all common platforms.
- **A powerful position keeping** module supported by a true Investment Book of Record allowing real-time reconciliations with a large number of custodians, transfer agents and fund administrators.
- **A simple and intuitive reports production** with transparency and a total consistency between management, risk and reporting views.

**AMUNDI SERVICES: PERSONALIZED COMBINATION TOOLS AND SERVICES**

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<tr>
<th>DATA MANAGEMENT</th>
<th>PORTFOLIO MANAGEMENT</th>
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**ASSET CLASSES COVERAGE**

- Equity
- Fixed income
- OTC
- Listed derivatives
- Funds
- Money market
- Repos
- Forex
- Cash

**A FULLY SECURED PLATFORM**

- Data confidentiality
  - Clients data segregation
  - Different classifications levels (Public / Restricted / Confidential)
  - Strong and granular user rights
  - Data leaks prevention

**INTERNAL AND REGULATORY AUDITS**

- More than 15 audit per year
- Traceability and audit trail for all operations from order management to post-trade processing

**INFRASTRUCTURE SECURITY**

- Tiers 3+ production sites
- Fully backed-up information system
- 100% data saved and duplicated
- Active / active IT back-up plan, fully tested on annual basis
- Round the clock IT oversight
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**ALTO MODULES**

**Front-office**
- Portfolio management & analysis
- Simulations
- Look-through
- Order booking
- Trading
- Cash management
- SR/ESG

**Risk & investment compliance**
- Market risk (VaR, TE)
- Liquidity risk
- Investment guidelines
- Pre-trade controls
- Post-trade controls

**Data management**
- Security master file
- Portfolio & products
- Indexes & benchmark
- Data quality controls

**ALTO Technology & Services**

**Middle-office**
- Position keeping IBOR
- Trade processing
- Funds trades
- OTC servicing & collateral
- Subscriptions & redemptions
- Corporate actions & income
- Reconciliations

**Reporting & information delivery**
- Factsheet edition
- Dissemination
- Data visualization
- Open API

**Performance**
- Measurement
- Contribution
- Attribution

To enhance the decision making with a 360° view of portfolios with a real-time update

To benefit from key risk data and to anticipate breaches in real time in order to be compliant with regulatory and clients aspects

To benefit from an industrial data management service with all required controls and high standard data quality

To guarantee a successful completion of trades and the accuracy of holdings

To guarantee the accuracy and availability of reporting and tailor-made factsheets

To monitor portfolio performance analysis with a detailed explanation of the active returns

*ALTO: Amundi Leading Technology & Operations.

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