PoMaTo

Portfolio Management Tool

www.thepomato.com



Portfolio Management Tool

What is PoMaTo and who are the potential users?

PoMaTo is a Portfolio
Management Tool that
integrates and automates the
three core Asset Management
functions—back office, middle
office and front office—into a
unified application

PoMaTo is a cloud-based web application hosted on AWS, offering seamless access to users over the internet

PoMaTo is intended to be used by:

- 1) Small and Medium-sized
 Asset Managers, Wealth
 Managers and Family Offices:
 Ideal for organizations without
 an internal IT department or the
 resources to develop a fully
 integrated tool
- 2) Retail Customers: Globally PoMaTo represents a significant evolution in Robo Advisory, enabling users to fine-tune their portfolios based on individual needs within each asset class





What can PoMaTo do?

- PoMaTo has been developed to **automate and manage critical tasks** for Asset Management firms, enabling small and medium-sized companies, as well as retail investors, to access a tool that is currently unavailable in the market.
- PoMaTo is a **powerful Portfolio Management Tool**, bringing institutional-grade investment capabilities to SMEs and retail investors. Leveraging cutting-edge technology and proprietary algorithms.
- PoMaTo offers same level of analytical depth and tools used by large Asset Managers, empowering users to make confident, data-driven decisions.
- PoMaTo **simplifies and automates data handling**, seamlessly reflecting changes in portfolios with minimal or no human intervention.
- PoMaTo **enables users to create customizable strategies**, serving as a gateway to smarter and more efficient portfolio management—all within a scalable, user-friendly platform.



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PoMaTo capabilities for Back Office

PoMaTo automates administrative tasks while enabling users to seamlessly perform these tasks in real-time throughout the day:

CASH MANAGEMENT

 Effortlessly manages cash inflows and outflows from portfolios and funds, with immediate updates reflected in front-office activities.

CORPORATE ACTIONS

- Processes all corporate actions within all portfolios, including dividends, coupon payments, rights issues, stock splits, spin-offs, and delistings.
- It also alerts users when a company in the portfolio is involved in mergers or acquisitions, whether friendly or hostile.

RECONCILIATION

- Features an integrated reconciliation function to automatically process trade recommendations/files generated from optimizers.
- Reconciles positions with custodian/broker records, helping SMEs reduce costs associated with human capital.

TRADE PROCESSING

Fully processes trades
 for portfolios and funds
 by either importing trade
 files or manually inputting
 executed trades from the
 trading team.



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PoMaTo capabilities for Middle Office

PoMaTo automatically performs and delivers daily portfolio and fund-related insights across various timeframes, covering:



RISK MANAGEMENT TASK



PERFORMANCE MEASUREMENT



REPORTING

- Calculates daily risk exposure for portfolios and funds
- Measures risk in absolute terms using Value at Risk (VaR) based on three customizable scenarios, distributions, and confidence levels.
- Enables users to monitor risk under normal conditions, stressed markets, and extreme events.
- Tracks and evaluates performance daily in absolute or relative terms across multiple timeframes, including daily, monthly, quarterly, yearly, and since inception
- Empowers retail customers to fine-tune their portfolios, representing a significant evolution in Robo Advisory capabilities

- Generates ready-to-use reports for funds and portfolios
- Including: performance metrics, top/bottom contributors, portfolio holdings, country/sector/industry exposures, and market-related metrics like PE, PS, PBV, dividend yield, market cap exposure, and expected vs. realized beta





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PoMaTo capabilities for Front Office

PoMaTo enables traders and Portfolio Managers to seamlessly execute their tasks, while automatically handling back and middle office processes in the background:

1) PORTFOLIO OPTIMIZATION

PoMaTo features four built-in optimizers:

1. Long Only

3. Long Short (130/30)

2. Direct Indexing

4. Market Neutral

Allowing users to apply predefined constraints to support strategic investment decisions:

Security Constraints:

 Set rules to hold, exclude, maintain a minimum weight, or limit the weight of specific securities in the portfolio.

Exposure Constraints:

 Constrain portfolios/funds to specific asset classes, market types, sectors, countries, regions, and minimum trade sizes

Trading Parameter Constraints:

- Apply limits based on trading parameters such as:
 - Beta (short-term and long-term exposure)
 - Dividend vield
 - Market cap exposure
 - Market participation (percentage of traded volume)
 - Expected return (alpha) with the option to use CubicAlpha's proprietary model, which utilizes quarterly fundamental data to calculate and estimate expected returns.

2) STRATEGY CUSTOMIZATION

Users can build customized strategies by incorporating their own data.

The platform provides access to a wide range of built-in data, enabling users to create strategies focused on various factors, such as:

- Asset class, multi asset class
- Country/Region focused
- Sectors Focused
- Market Cap

By adding custom data, users can further **tailor strategies** to meet their specific investment goals, all while utilizing PoMaTo's powerful capabilities.

3) TRADING

The final output from PoMaTo is a trading file that can be loaded into a **broker platform for execution.**

- The trades are then reflected and imported into the portfolios/funds via the platform.
- If linked to a broker, PoMaTo can provide fully automated trading, where the optimizer's output is automatically executed as soon as it becomes available.



Which asset class can RoMaTo handle

PoMaTo provides its customers with access to a wide range of asset classes for use within its features:

Single Stock Equity

PoMaTo supports data for over 1,600 Equity ETFs and more than 30,000 individual equities traded globally. Covered exchanges include:

- North America: US and Canada
- Latin America: Mexico and Brazil
- Europe: Euro Area, UK, Switzerland, Scandinavia, Israel, and major European Emerging Markets
- Asia: China, Taiwan, India, Hong Kong, Japan, Australia

Bonds

PoMaTo supports data for over 700 Bond ETFs and can handle single bond issues at any level.

Cryptocurrency

PoMaTo supports data for over 80 Cryptocurrency ETFs and more than 500 individual cryptocurrencies.

Commodities

PoMaTo handles data for over 150 Commodity ETFs.

Currency

PoMaTo processes data for over 35 currencies.



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PoMaTo evolution

- Structured Excel format
- Estimation Model
- Regression Alpha (Raw Data)
- Partial Automation (VBA) in Excel
- Corporate Action Handling
- Estimation
 Model improved
 (Special
 Dividend)
- Estimation
 Model improved
 (Special
 Dividend)
- Handling #N/A on Balance Sheet
- Sub-Universe construction review to include the risk free rate
- Migration to Enterprise Class Database platform starts
- Adding 400 names extending coverage beyond EMU Area
- Global
 Developed
 market ex Japan
 coverage
 achieved
- Adding 4000 names extending coverage to Japan, Hong Kong, China, India, Singapore, Israel, Russia, Poland, Baltics, Mexico and
- Optimizer coded to Python
- Started partnership with MainStreet (MSP) to develop a bespoke optimiser for Emerging Market
- Expansion of the investable Universe to cover over 30,000 Equity globally, including ADRs
- Extending the functionality of PoMaTo to manage Single or Multi Asset Class portfolio (Equity, Bond, ETF, Crypto, FX and Commodity

2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2017 2018 2020

Brazil

2021 2022 2023 2024 2025 2026

- Model Idea in Excel
- · Coverage: Italy
- Historical data only
- Linear Alpha
- Coverage:
 Eurostoxx50
- Estimation Model (Market Cap Bucket)
- Handle FY miss alignment
- Coverage: EMU countries
- Optimisation automation (VBA) in Excel
- Alpha Factor as return
- Processes fully automated (VBA) in Excel
- Internal Classification Review
- •Full Model review
- Factors dependencies
- •Computational enhancement for FY
- Handle #N/A
- Migration to
 Enterprise Class
 Database
 completed
- Quarterly data for all factors
- Launch of Cayman Fund (Long Only)
- Moving from a long only to a multiple type of portfolio construction such as Market Neutral and
- Live test of 130/30 Strategy with QTR

130/30

- Started partnership with a Swiss AM to manage their whole equity offering
- Acquired first mandate to fully manage broker accounts
- Development of PoMaTo: a webbased platform to, manage all the front, middle and back office activities using a single integrated tool
- Market PoMaTo to Wealth Manager and Family Office
 - Market PoMaTo globally to Retail aiming to be the 1st of the second generation of Robo Advisor





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