

Moxy® + Advent Genesis®

## Why Add Advent Genesis to Moxy: A Comparison

SS&C Advent's Moxy trade order management system helps more than 600 investment firms navigate the complexities of today's trading environment with easy access to critical data, an easy-to-use interface, and unmatched connectivity with counterparties.

Moxy provides a stable, centralized location for making and executing trading decisions, enabling portfolio managers and traders to move quickly in today's more demanding marketplace.

Yet just as Moxy has continued to evolve with the increasing demands around order and execution management, portfolio managers have equally begun to evolve and demand more from their order creation tools. All too often portfolio managers are turning to spreadsheets and other manual-based workflows to support everything from the construction of complex models to efficiently rebalancing thousands of portfolios to their specific targets. They are limited in their ability to explore what-if scenarios. The lag time between trade creation and execution can mean added labor and missed opportunities.

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The combination of Genesis and Moxy gives firms a seamless path from trading decisions through trade creation to execution.

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That is where **Advent Genesis** comes in. Genesis is a highly scalable, cloud-based portfolio construction, rebalancing and trade creation solution designed to complement Moxy's industry-leading order and execution management functionality. It enables portfolio managers to manage complex models, fully or partially rebalance accounts, manage cash, and seamlessly review drift across various aspects of your book of business in order to make adjustments more quickly and efficiently. Genesis relieves portfolio management teams of the tedious, labor-intensive process of running and analyzing reports from multiple systems to determine daily cash and rebalancing requirements. What's more, Genesis strengthens collaboration across the front office. Session sharing capabilities enable portfolio managers to delegate the rebalancing process to teams, then review and approve or edit their work, all the while retaining the necessary audits and controls demanded by our industry.

If Moxy is a powerful, well-oiled trading engine, **Advent Genesis** is the turbocharger that boosts efficiency for your portfolio and wealth managers. The combination of Genesis and Moxy gives firms a seamless path from trading decisions through trade creation to execution.

Let's take a deeper dive into the differences between Moxy alone and Moxy plus Genesis.

## Portfolio monitoring

### Moxy standalone

- Ability to review intraday positions for portfolios, households and portfolio groups
- Ability to review intraday Profit and Loss
- Ability to query for specific position and tax lot attributes
- Review intraday order information

### Moxy + Genesis

- Ability to review intraday positions and cash for portfolios, households and portfolio groups aggregated by any classification maintained in Axys or APX
- Ability to review intraday profit and loss
- Review intraday order information
- Ability to query for specific position and tax lot attributes
- Optimized user interface and workflows for the portfolio manager
- Powerful dashboards give insights into actions needed
- Ability to review drift across various aspects of your book of business and portfolios
- Flexible household views
- Dynamic position cross reference and analytics
- Review intraday order information

## Cash management

### Moxy standalone

- Add intraday deposits/withdrawals with an option to synch with APX or Axys
- Rebalance a portfolio against itself for an intraday flow

### Moxy + Genesis

- Add intraday deposits/withdrawals with an option to synch with APX or Axys
- Rebalance a portfolio against itself or against the relative model targets for full and/or partial intraday flows
- Easily review cash drift across one or many portfolios
- Comprehensive cash instructions framework to support generic trade instructions
- Manage multi-currency cash balances in sleeves of complex models

## Order creation

### Moxy standalone

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#### Trade strategies

- Select one or more portfolios to rebalance a single security at run time against:
  - a specific amount/weight
  - relative to a portfolio tactical asset class target
- Swap securities across one or more portfolios

#### Rebalancing

- Rebalance one or more portfolios against one model
- Rebalance relative to a portfolio's tactical asset class targets

#### Compliance and trade settings

- Standard do not buy/sell and composition pre-trade restrictions alerts
- Statics standard rounding factor options
- Integration with Advent Rules Manager for advanced pre-trade restriction management

### Moxy + Genesis

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#### Trade strategies

- Select one or more portfolios to rebalance one or more securities at run time against:
  - the portfolio's model targets
  - a specific amount/weight
  - relative to any portfolio classification target (i.e. asset class, sector, etc.)
- Swap securities across one or more portfolios

#### Rebalancing

- Rebalance one or more portfolios against multiple models
- Partial or sleeve level rebalancing options
- Tax awareness during rebalancing where applicable
- Session and notes framework allows users to create orders over multiple days and easily share orders with others for review and/or approval

#### Compliance and trade settings

- Support for all of Moxy core pre-trade restrictions
- Advanced dynamic rounding factor options
- Integration with Advent Rules Manager for advanced pre-trade restriction management
- Additional pre-trade warnings specific to tax implications

## Model management

### Moxy standalone

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- Supports flat security-only models
- Designate model targets across a limited set of attributes
- Models are not linked to portfolios

### Moxy + Genesis

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- N-Tier model architecture
- Easily blend sleeves into strategy model
- Designate targets at any classification, including custom APX attributes
- Comprehensive historical audit of all model changes
- Unique publishing options
- Fixed income focused appraisals and portfolio screens with support for yield, convexity and duration

## Connectivity/execution management

### Moxy standalone

- FIX integration
  - Comprehensive direct brokerage coverage
  - Ability to electronically route allocation messages
  - Multi-asset class support
- Ability to integrate seamlessly with execution platforms and venues (i.e. MarketTrader, Bloomberg, RealTick, Liquidnet, etc.)
- Ability to execute leveraging algo programs
- Electronic post trade connectivity with SS&C and non-SS&C settlement and matching platforms

### Moxy + Genesis

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  - Comprehensive direct brokerage coverage
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- Electronic post trade connectivity with SS&C and non-SS&C settlement and matching platforms
- Fully integrated with Moxy in near real time in order to leverage Moxy's comprehensive connectivity options

## Technology architecture

### Moxy standalone

- Native integration with Rules Manager
- Local or cloud deployment
- Limited scalability during rebalancing sessions
- No mobile device support
- 1–2 releases/year

### Moxy + Genesis

- Native integration with Moxy and Rules Manager
- Native cloud architecture enables continuous development
- Modern and intuitive user interface
- Highly scalable—rebalance 1,000 portfolios in under 2 minutes
- Mobile access
- Continuous development and release cycle that delivers new code almost weekly

## Continuous agile development

Designed as a cloud-delivered solution from inception, **Advent Genesis** allows for the continual addition of new enhancements, functionality, and process refinements. And it ensures that firms are automatically upgraded to each release. With a schedule currently calling for near-weekly releases, the Genesis development team is pursuing an aggressive roadmap while actively incorporating user

feedback into the solution. Adding **Advent Genesis** to your Moxy installation will deliver immediate dividends in the form of increased efficiency and productivity for your firm's portfolio and wealth management teams.

Talk to your SS&C Advent Relationship Manager about adding **Advent Genesis** to your portfolio management and trading platform, or contact [info@advent.com](mailto:info@advent.com).