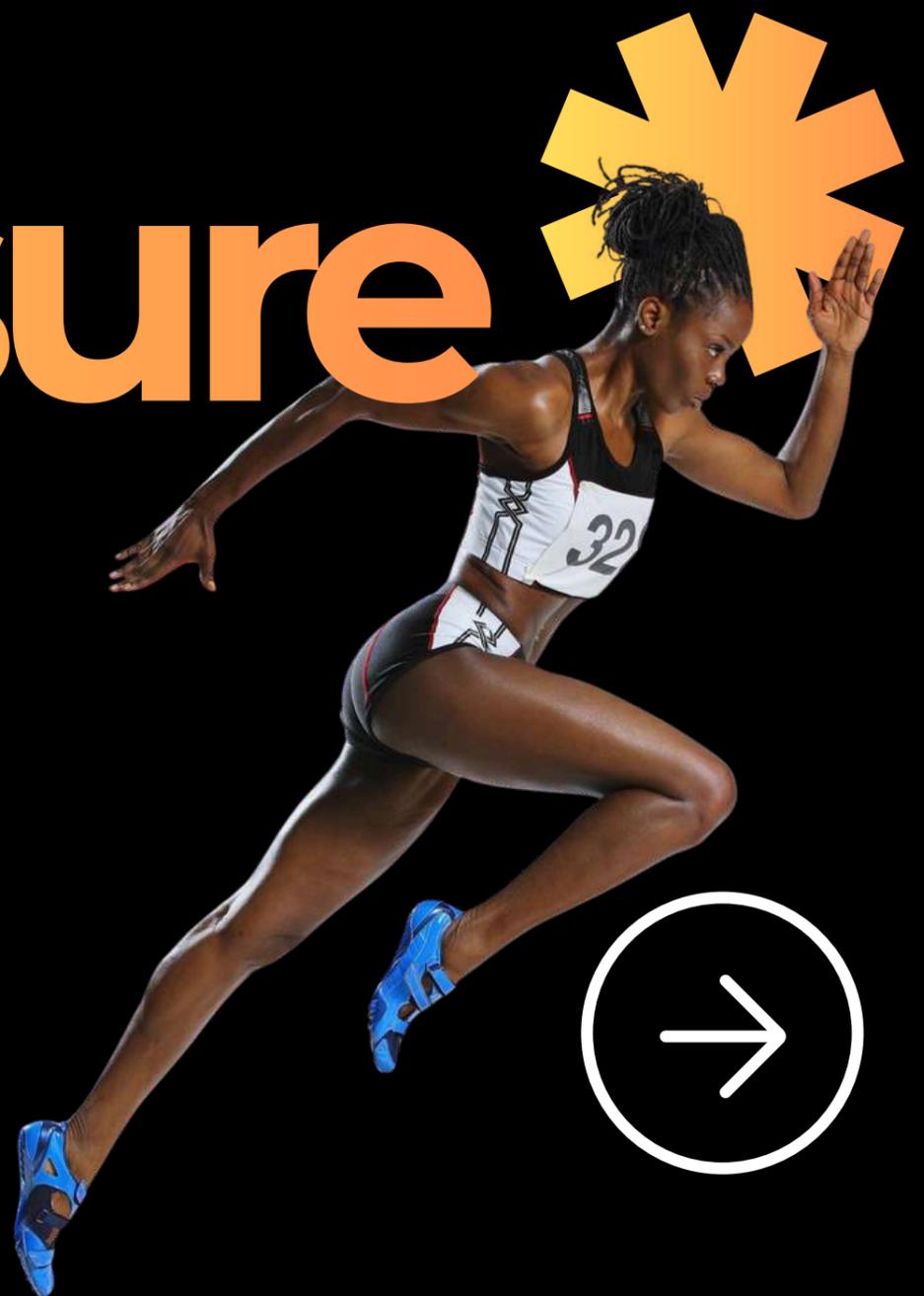


Transforming **Retail Planning** to Drive Inventory Excellence and **Supply Chain Agility** in Anaplan for an

Athleisure brand



Client Overview



Our client is a **Los Angeles–based premium athleisure brand headquartered in Beverly Hills, California**, serving retail and e-commerce markets with yoga-inspired apparel, accessories, and wellness products. Positioned at the intersection of performance and luxury, the brand operates in a highly dynamic, trend-driven retail environment.

With rapid SKU expansion, frequent product launches, and omni channel growth, the organization manages increasing planning complexity across merchandising, demand forecasting, supply chain operations, and inventory management. Growing transaction volumes and compressed planning cycles demanded greater speed, accuracy, and cross-functional alignment.

To modernize and optimize its planning landscape, the client partnered with Polestar Analytics to strengthen its enterprise planning capabilities on Anaplan—aligning system performance with business growth. The objective was to streamline core planning models, decouple reporting, and establish structured ALM controls — enabling faster decisions and stronger inventory governance.





Key Bottlenecks

The growth trajectory exposed structural inefficiencies within the planning ecosystem, constraining performance, visibility, and governance across inventory operations.

Transactional Hub Inefficiencies

The Transactional Hub was inefficiently structured, creating data bottlenecks that constrained processing speed and limited real-time inventory visibility across channels.

- High dimensional sparsity
- Significant model size expansion
- Slower data processing cycles
- Inefficient integration workflows

Structural Complexity Limiting Agility

The Demand Planning model was overengineered, reducing flexibility and slowing responsiveness to shifting demand patterns and inventory requirements.

- Redundant calculations
- Dimensional overlap
- Large model footprint
- Performance degradation

Reporting Performance Constraints

Reporting capabilities were embedded within planning models, creating workload conflicts and delaying critical inventory performance insights.

- Reporting within Demand Planning
- Slower report generation
- Competing computational loads
- Limited real-time visibility

Governance Gaps- Absence of Structured ALM

The lack of structured Application Lifecycle Management (ALM) controls increased deployment risk and weakened confidence in system reliability and planning outputs.

- No development-production separation
- Direct production updates
- Limited structured testing
- Elevated operational risk





Solution Highlights

Polestar Analytics led a comprehensive redesign of the planning architecture in Anaplan — focused on performance optimization, structural simplification, and governance standardization. The transformation was structured around four pillars:

Transactional Hub Optimization

The hub was re-architected to eliminate structural inefficiencies and reduce sparsity.

- Refined dimensional design
- Streamlined planning logic
- Removed unnecessary data intersections
- Applied best-practice model structuring principles

This transformed the hub into a lean, scalable foundation supporting enterprise data flows.

Demand Planning Optimization

To simplify and future-proof demand planning:

- Combination keys were introduced to reduce dimensional complexity
- Redundant calculations were eliminated
- Model structures were modularized
- Auditability and transparency were enhanced

The redesigned model reduced sparsity, improved runtime performance, and strengthened long-term sustainability.

Streamlined Reporting Experience

A separate reporting model was implemented to decouple analytics and reporting from core planning logic.

- Dedicated reporting environment for dashboards and OTB workflows
- Optimized data synchronization processes
- Reduced cross-model performance dependency

This structural separation significantly improved reporting responsiveness and delivered a smoother user experience across planning teams.

Holistic ALM Implementation

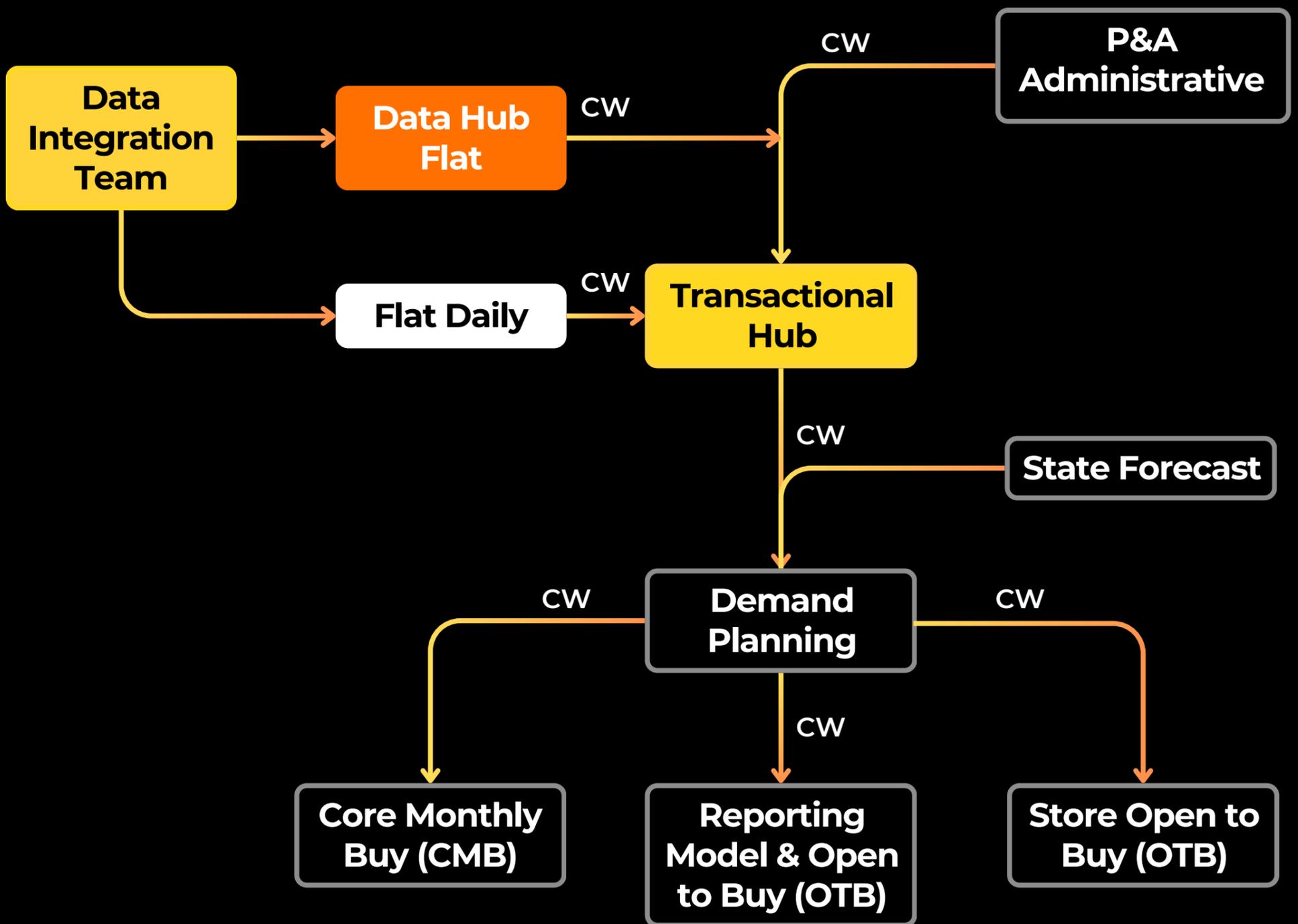
A structured ALM framework was established across all models.

- Dedicated Development and Production environments
- Controlled synchronization and release cycles
- Structured testing workflows
- Optimized data load processes

This introduced governance discipline, minimized production risk, and enhanced integration efficiency across the planning landscape.



Our Framework Behind This Transformation





The Overall Business Impact

100GB+

tenant workspace saved through Transactional Hub model optimization

200GB+

tenant workspace saved through Demand Planning model optimization

20%+
reduction

in overall integration time through optimized processes and ALM implementation

35%+
improvement

in model processing performance, accelerating demand recalibration and scenariosimulations

25%+
faster

report generation, improving in-season inventory visibility and Open-To-Buy responsiveness
