



CubeVerse™

The Control Tower Of Intelligent Fulfillment

AutoStore's unified cloud and data platform that transforms warehouse automation from isolated tools into a connected ecosystem. By centralizing design, simulation, operations, maintenance, and intelligence in one environment, CubeVerse reduces complexity, accelerates time-to-value, and improves consistency across every site in a customer's network.

CubeVerse connects AutoStore applications, 10+ operational data sources, and a growing suite of 28 proprietary AI models and agents within a single foundation, making warehouse automation more adaptive and efficient while helping make AutoStore the foundation for Intelligent Fulfillment.

Why CubeVerse

One connected platform

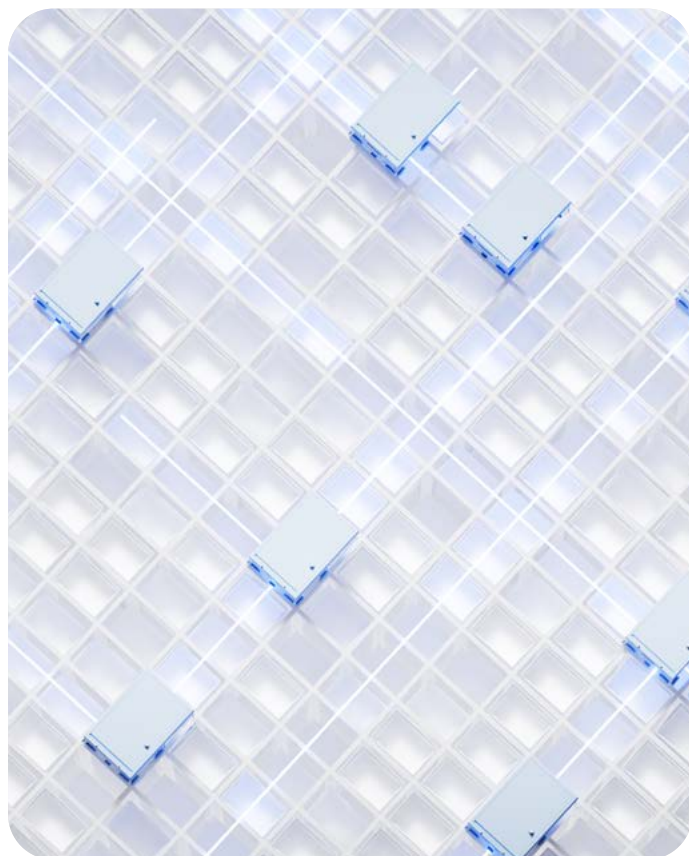
Warehouse software has historically solved individual problems in isolation. CubeVerse connects investment evaluation, design, simulation, deployment, operations, maintenance, and optimization within a single platform built on shared data, core services, and standardized APIs.

From storage automation to a self-optimizing engine

The AutoStore cube remains the physical system that moves goods at scale. CubeVerse connects everything around it, while AutoStore Intelligence™ applies AI across investment evaluation, system design, operational decision-making, analytics, and maintenance visibility throughout the system lifecycle. Together, they form a fulfillment engine that continuously improves over time.

Enterprise-grade and future-ready

Built in strategic partnership with Databricks, AutoStore Intelligence provides a secure foundation for AI development and operational decisioning. Data is encrypted end-to-end, access is governed through role-based controls, and intelligence is trained only on aggregated operational and simulation data, never customer inventory.



Who is Databricks?

Databricks is a pioneering Bay Area technology company known for creating the lakehouse, a modern way of managing data that brings everything into one place. Instead of storing data in separate systems, the lakehouse lets companies keep all their information together, making it easier to access, analyze, and use. This unified approach reduces complexity, cuts costs, and helps teams turn data into clear, dependable insights much faster.

What this means for AutoStore customers

Because CubeVerse and AutoStore Intelligence are built on Databricks' lakehouse foundation, customers benefit from faster insights, smarter AI recommendations, and more reliable system performance. The result is better optimization and earlier detection of issues, helping make AutoStore the intelligent foundation for decisions across planning, design, operations, and maintenance.

Core Applications



CubeExplore™

Investment evaluation and business-case development

- Uses operational benchmarks and comparable project data to strengthen ROI scenarios
- Creates business cases in minutes and builds greater confidence in investment decisions
- Supports more informed investment decisions before solution design begins



CubeStudio™

AI-assisted system design and high-speed simulation

- Validated modeling for planning and peak-readiness
- Reduces simulation iterations from 10- 20 to 1-2, accelerating confidence in design decisions, shortening validation cycles, and improving time-to-value
- Uses benchmark insights from comparable projects to strengthen investment decisions



CubeControl™

Operational control software for active AutoStore systems

- Executes and manages Robot traffic
- Applies operational intelligence to support configuration decisions and system performance optimization
- Maximizes performance without added hardware



CubeAnalytics™

AI-driven insights to make smarter operational decisions

- AI-generated summaries flag brewing risks and performance anomalies
- Data-backed insights that support maintenance planning and operational improvement decisions
- Creates unified visibility across sites



CubeFleet™

Fleet health and maintenance management

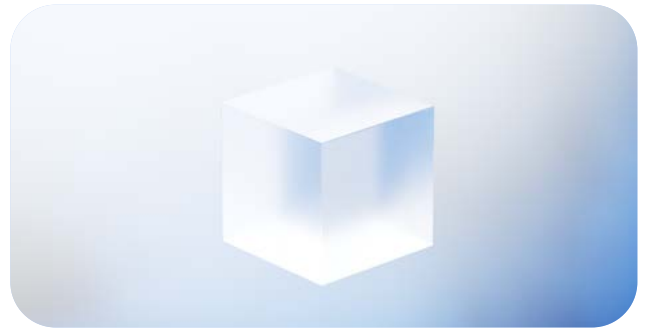
- Uses live operational data to identify service needs earlier
- Brings maintenance alerts, guidance, and work-order creation into one view
- Supports maintenance planning across a single site or multiple locations

Core Applications

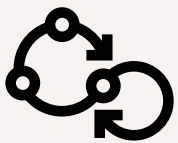
Common Data Architecture & APIs

Shared data and standardized integration

- Standardized interfaces reduce reliance on custom code
- Supports fast deployment in brownfield and greenfield environments with standardized API
- Ensures consistent behavior, versioning, and security across sites



Business Outcomes



Faster ROI Realization

- AI-assisted design and simulation to build confidence in investment decisions earlier in the process
- Standardized APIs accelerate deployment and reduce project risk
- Customers capture revenue months earlier through shorter sales-to-solution cycles



De-Risked Investment

- Validated, right-sized designs avoid over-provisioning
- High-fidelity simulation minimizes surprises at go-live
- Reduces CAPEX waste and prevents budget overruns



Consistent Performance Across Sites

- Shared benchmarks and unified architecture eliminate variance
- Intelligent routing boosts throughput without new hardware
- Centralized updates support consistent performance as operations grow
- Usage-based maintenance alerts help support operational continuity across sites



Lower Integration Cost & Complexity

- One connection point supports WMS, WES, ERP, AMRs, pouch/t-sorters, and more
- Reduces expensive custom development for integration
- Faster rollouts for multi-site networks and global deployments

Built for Enterprise Demands



Security & Governance

- Enterprise-grade security aligned with globally recognized security and compliance standards
- End-to-end data protection across transmission, storage, and retrieval
- Centralized control over users and permissions
- Granular role-based access control and adherence to the principle of least privilege
- Regular audits, independent penetration testing, and ongoing threat and vulnerability management
- One secure login across all cloud-connected CubeVerse applications

Lifecycle Orchestration

CubeVerse supports every stage of the AutoStore journey:

Investment Evaluation: Build stronger ROI scenarios and business cases with CubeExplore

Design & Simulation: AI-assisted system design and simulation with CubeStudio

Deployment: Connect applications and third-party technologies through standardized APIs

Operations: Manage Robot traffic and daily system performance with CubeControl

Maintenance: Identify service needs earlier and coordinate maintenance with CubeFleet

Optimization: Turn operational data into actionable insights with CubeAnalytics

