

CubeAnalytics™

From Raw Data to Real Performance Gains

See clearer. Act faster. Perform better.

AutoStore™ systems generate large volumes of operational data. Turning that data into actionable insight quickly enough to support daily operations can be challenging when done manually.

CubeAnalytics is a cloud-based analytics platform designed to give AutoStore operators a structured, near real-time view of system performance. By automatically collecting and analyzing operational log data, the platform transforms complex system signals into clear insights that teams can act on immediately.

CubeAnalytics helps operations and engineering teams detect issues earlier, troubleshoot faster, and maintain stable system performance without relying on manual log analysis or dedicated data specialists. By improving visibility and accelerating diagnostics, the platform helps reduce operational disruptions while protecting long-term system efficiency and total cost of ownership.

What You Gain

Earlier detection of performance issues

AI-powered anomaly detection identifies unusual system behavior and emerging issues before they affect operations.

Stable throughput and service levels

Visibility into Robot activity, Port performance, and Bin flow helps teams maintain consistent throughput and operational stability as well as protect SLA commitments.

Faster diagnosis and troubleshooting

AI-generated health summaries reduce manual diagnostic work, speeding up troubleshooting, and helping teams resolve issues faster.

Clear performance reporting

Automated dashboards and reports provide real time visibility into system trends, utilization, and operational health.

Better operational planning

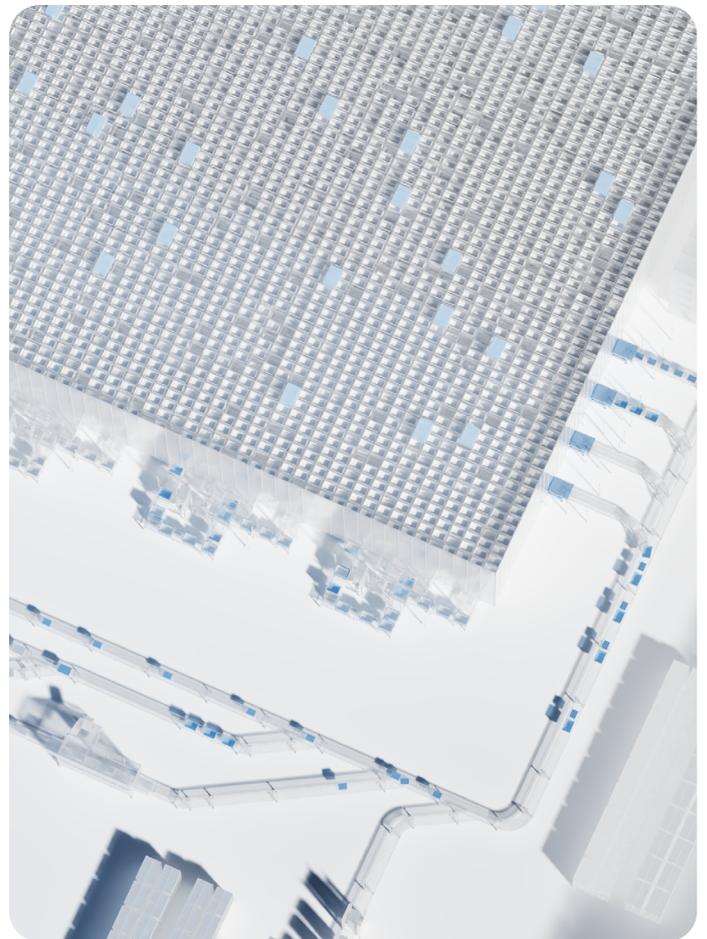
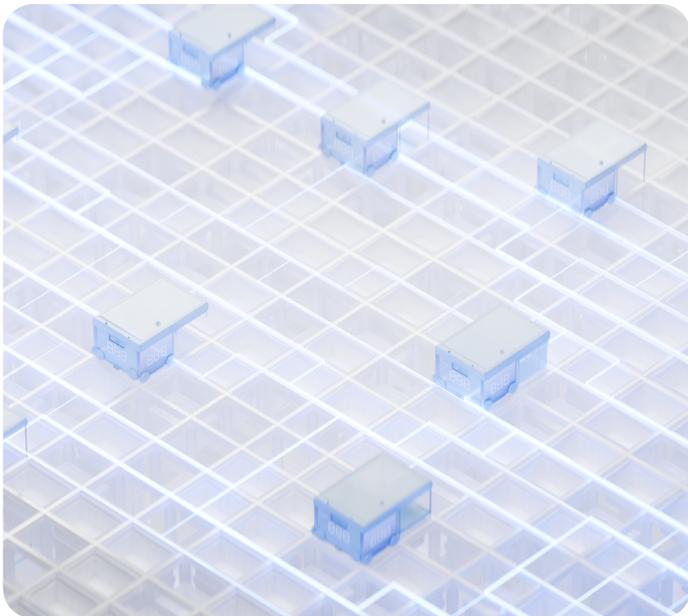
Live and historical activity data help teams make more informed decisions about staffing, workload distribution, and operational adjustments.

Lower total cost of ownership

Earlier issue detection and faster diagnostics help reduce unplanned stops and operational disruptions. This supports more stable system performance and helps lower operating costs over time.

A single source of truth

Operations, engineering, and management teams access the same system insights, enabling faster alignment and more informed decisions.



Core Capabilities

AI-powered diagnostics with **AutoStore Intelligence™**

CubeAnalytics uses advanced analytics trained on real operational and simulation data to interpret system behavior and detect anomalies. The platform generates actionable insights, such as highlighting unusual Robot behavior or identifying potential performance risks. This helps teams take corrective action earlier.

Automated health summaries and anomaly detection

AI-generated health summaries provide quick assessments of system status. Anomaly detection highlights components or behaviors that may require investigation.

Unified system performance visibility

Monitor key AutoStore performance metrics in one place. Metrics include throughput, system uptime, Robot utilization, Port efficiency, Bin wait times, battery status, and module behavior across the Grid.

Role-specific dashboards

Operators, technicians, engineers, and managers access tailored dashboards that surface the metrics and insights most relevant to their roles.

Multi-site monitoring

Track and compare performance across multiple AutoStore installations from a single secure interface. This enables centralized operational oversight.

Secure access and data protection

Access is managed through trackable single sign-on (SSO), providing controlled and auditable access across teams.

CubeAnalytics runs on an ISO 27001- and SOC 2-compliant cloud infrastructure. Data is encrypted both in transit and at rest and logically isolated for each customer. The platform is designed to protect operational data and does not collect inventory-level data.

