

OPERATIONAL INTELLIGENCE SOLUTIONS

Simulate before you build. Optimize after you deploy.



Make informed decisions at every stage of your logistics operation. Use simulations to visualize network changes before implementation, and continuously optimize performance after deployment.

Our Operational Intelligence Solutions turn operational data into actionable insights, helping you reduce risk, improve efficiency, and make measurable improvements across your network.

OPERATIONAL INTELLIGENCE SOLUTIONS INCLUDE:



**Process
Monitor**



**Data
Analytics**



**Image
Store**



**Simulation &
Digital twin**



PROCESS MONITOR

Process Monitor provides real-time visibility into sorting operations to ensure processes run efficiently and reliably.

By continuously tracking operational data across machines, systems, and processes, Process Monitor allows operators to quickly detect deviations and respond before they affect sorting performance.

WHAT IT DOES

Process Monitor collects and visualizes operational data from sorting systems and connected devices. It provides real-time insights into machine status, parcel flow, and process performance, enabling operators to monitor the health of the sorting operation.

The platform helps identify operational issues such as process interruptions, capacity constraints, or abnormal system behavior, allowing teams to respond quickly and maintain stable operations.

KEY CAPABILITIES

- ✓ Real-time operational monitoring to track system performance and parcel flow across sorting operations.
- ✓ Process visibility to provide insight into machine status, throughput, and operational performance.
- ✓ Early issue detection to identify deviations or disruptions before they impact operations.
- ✓ Operational dashboards to visualize key performance indicators for quick decision-making.
- ✓ Improved operational control to help operators maintain stable and efficient sorting processes.





DATA ANALYTICS

Data Analytics transforms operational data into actionable insights that help improve sorting performance and operational efficiency. By analyzing historical and operational data, organizations can identify patterns, detect inefficiencies, and optimize their sorting process.

WHAT IT DOES

Data Analytics collects and analyzes operational data from sorting systems, logistics platforms, and related sources. It identifies improvement opportunities, simulates their impact, applies optimized sort plans.

KEY CAPABILITIES

- ✓ Scalable data storage to collect and store historical data at scale.
- ✓ Comprehensive reporting to generate reports that support operational and strategic decision-making.
- ✓ Data-driven optimization to improve processes based on data insights.
- ✓ Simulation capabilities to simulate and analyze changes to your sort plan.





IMAGE STORE

Image Store is a centralized image management platform for capturing, processing, and storing parcel images generated during sorting operations.

By managing sorting images in a single platform, organizations can make operational information accessible across their entire logistics network.

WHAT IT DOES

Image Store collects images captured during the sorting process and stores them in a secure and scalable archive. The system can connect multiple sorting centers and consolidate images into a centralized environment.

Before images are uploaded, they can be filtered and processed locally to reduce unnecessary storage and minimize cloud costs. This ensures that relevant images remain accessible while keeping infrastructure costs under control.



KEY CAPABILITIES

- ✓ Centralized image archive to store and manage sorting images from multiple facilities in one platform.
- ✓ Proof of delivery support to use sorting images as visual confirmation of parcel handling.
- ✓ Retail pickup support to enable retail locations to verify parcels using captured images.
- ✓ Scalable image storage to handle millions of images per day across large logistics networks.
- ✓ Optimized cloud usage to process and filter images locally and reduce cloud storage costs.
- ✓ Flexible data access to push images to the cloud or retrieve them from local archives depending on the infrastructure.





SIMULATION & DIGITAL TWIN

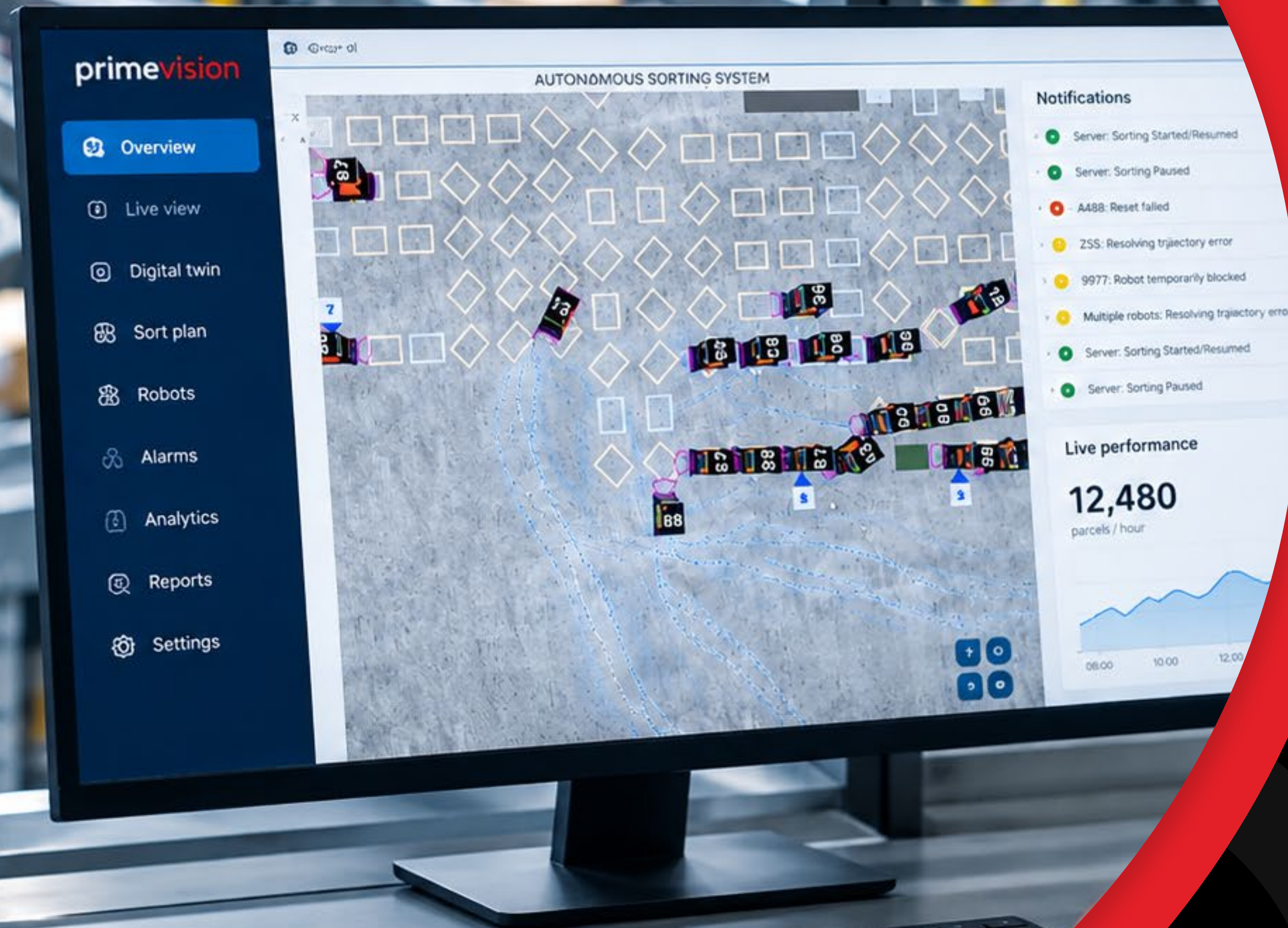
Simulation allows logistics operators to test and optimize sorting operations in a virtual environment before implementing changes in the real world.

By modeling the behavior of a sorting facility, organizations can evaluate different layouts, configurations, and operational strategies in advance, enabling data-driven planning and investment decisions.

WHAT IT DOES

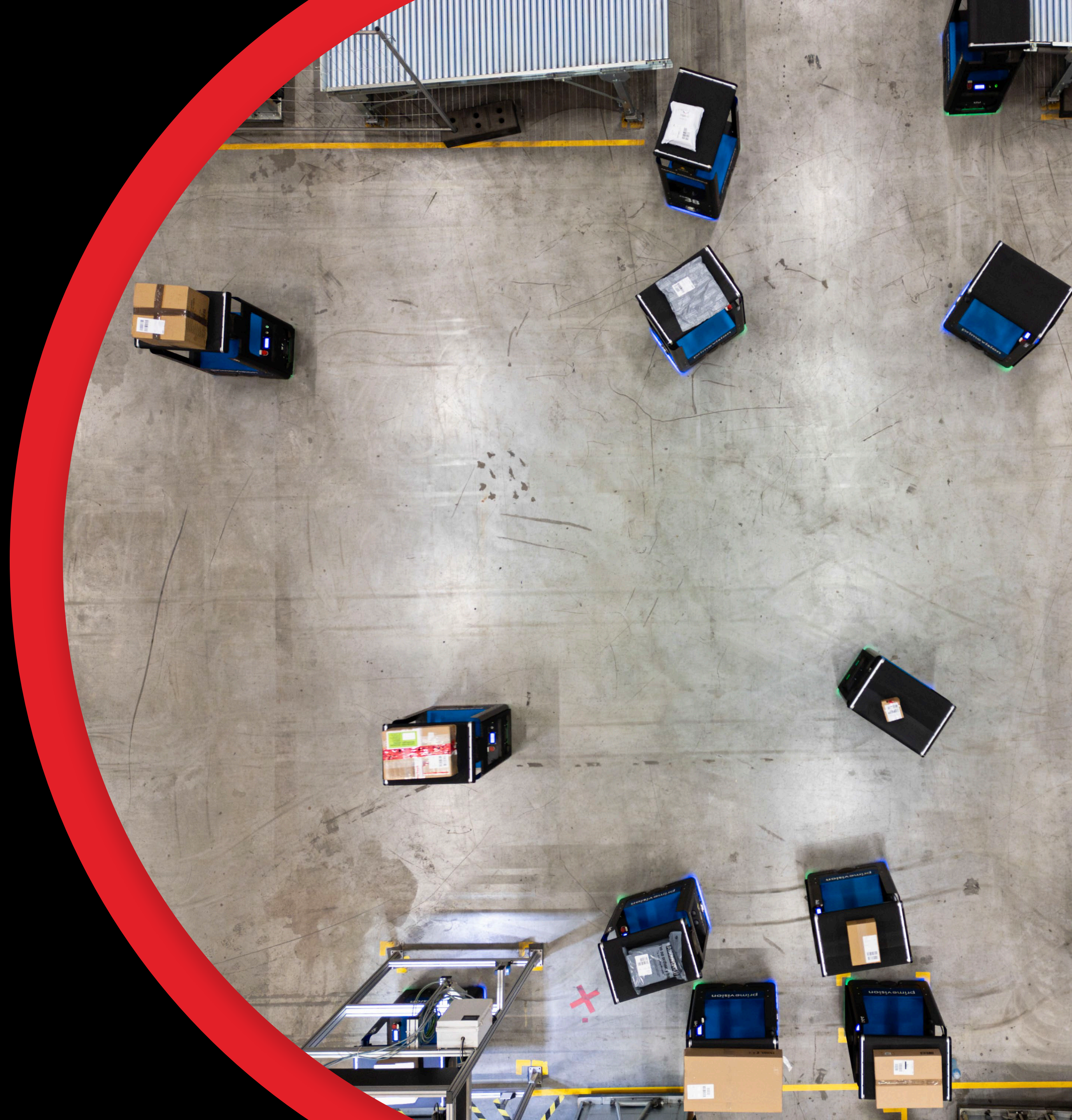
Simulation creates a virtual representation of a sorting operation where different configurations and scenarios can be tested. Using historical or predicted parcel volumes, operators can analyze how parcels move through the facility and evaluate the impact of operational changes.

This makes it possible to identify bottlenecks such as overloaded chutes, congested conveyors, or inefficient workflows before they affect real operations. Simulation helps organizations improve throughput, optimize resource allocation, and prepare for peak volume scenarios.



KEY CAPABILITIES

- ✓ **Throughput analysis** to evaluate how different configurations affect sorting capacity and performance.
- ✓ **Operational scenario testing** to simulate volume peaks, equipment failures, and process adjustments.
- ✓ **Bottleneck identification** to detect potential constraints in parcel flow and system performance.
- ✓ **Layout and workflow optimization** to test alternative facility designs and operational strategies.
- ✓ **Data-driven investment planning** to evaluate the impact of new equipment or system changes before implementation.



primevision

smart vision, smart flow

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