

# FASTsuite

FLEXIBLE AUTOMATION SOLUTION TOOLS



**ALSTEF**  
GROUP



# FASTsuite

## FLEXIBLE AUTOMATION SOLUTION TOOLS

The FAST Suite is a comprehensive collection of automation tools designed to meet needs of modern logistics and warehouse operations. Built on a unified architecture, the FAST Suite integrates seamlessly with existing systems to automate and optimize key processes such as sortation, labeling, data management, and monitoring.

Each product within the suite is modular and highly configurable, allowing businesses to tailor solutions to their specific requirements while maintaining scalability for future growth. By combining cutting-edge software with industry expertise, the FAST Suite empowers businesses to enhance throughput, reduce downtime, and achieve unparalleled efficiency across their operations.

### Key Features



Modular design for flexible deployment.



Real-time tracking and reporting capabilities.



Compatibility with diverse hardware systems.



Easy integration with WMS, ERP, and other systems.



# TAILORED AUTOMATION

## FOR EVERY INDUSTRY



### E-COMMERCE

Integrated automation systems streamline order fulfillment processes, reducing errors, and enhancing productivity to meet the demands of rapid delivery expectations.



### POSTAL & PARCEL

Alstef Group's automation solutions enable postal services to efficiently handle large shipments, ensuring timely and precise deliveries.



### THIRD-PARTY LOGISTICS (3PL)

Automated solutions, such as automated sortation and labeling, help 3PL companies increase revenue, reduce transport costs, optimize inventory, and improve customer experience.



### RETAIL

Alstef Group's integrated automation systems improve efficiency and accuracy, raise productivity, and optimize order fulfillment, even during seasonal peaks.



### PHARMACEUTICAL

The pharmaceutical industry relies on automation to improve compliance, minimize deviations, and address issues like counterfeiting and traceability.



### FOOD

Automation solutions improve quality control, enhance safety, and ensure compliance with regulations, enabling swift movement of products through the supply chain.



# FASTsort

## Streamlining Parcel and Product Flow

FAST Sort streamlines parcel sorting by automating movement and categorization on conveyor systems. Built for high-speed operations, it accurately processes barcode, weight, and dimension data to ensure precise routing.

Adaptable to various layouts and diverter types, it supports outbound shipping, reverse logistics, and inventory management. Integrated with FAST Link for real-time system communication, FAST Sort is ideal for e-commerce, postal services, and manufacturing.

### BENEFITS

- ✓ Increased sortation throughput.
- ✓ Enhanced accuracy, minimizing errors.
- ✓ Flexible configuration for custom conveyor layouts.

### Detailed Features

- Handles barcode, weight, and dimension data for accurate sorting.
- Supports various diverter types and sortation styles.
- Auto-learn feature for efficient tracking system setup.
- Integration with host systems through FAST Link.



# FASTlabel

## Scalable Solutions for Accurate Labeling

FAST Label streamlines labeling with high-speed automation and can operate independently or integrate with dimensioners, scales, and scanners to ensure accurate labeling across diverse package sizes.

Supporting various printer applicators and placements, it handles complex requirements with ease. Intuitive setup and real-time stats enable performance monitoring and quick adjustments, making it ideal for shipping, compliance labeling, and order fulfillment in demanding environments.

## Detailed Features

- Supports multiple printer applicators and scanners.
- Configurable for front, side, top, or bottom label placements.
- Handles up to 200 packages per minute.
- Integration with dimensioning, weighing, and tracking systems.

## BENEFITS

- ✓ Reduced system downtime and maintenance costs.
- ✓ Improved operational efficiency with real-time issue resolution.



# FASTlink

## Seamless Integration Across Systems

FAST Link serves as the middleware between enterprise systems and FAST Suite applications. This configurable software facilitates data exchange between Warehouse Management Systems (WMS), Enterprise Resource Planning (ERP) systems, and the FAST Suite.

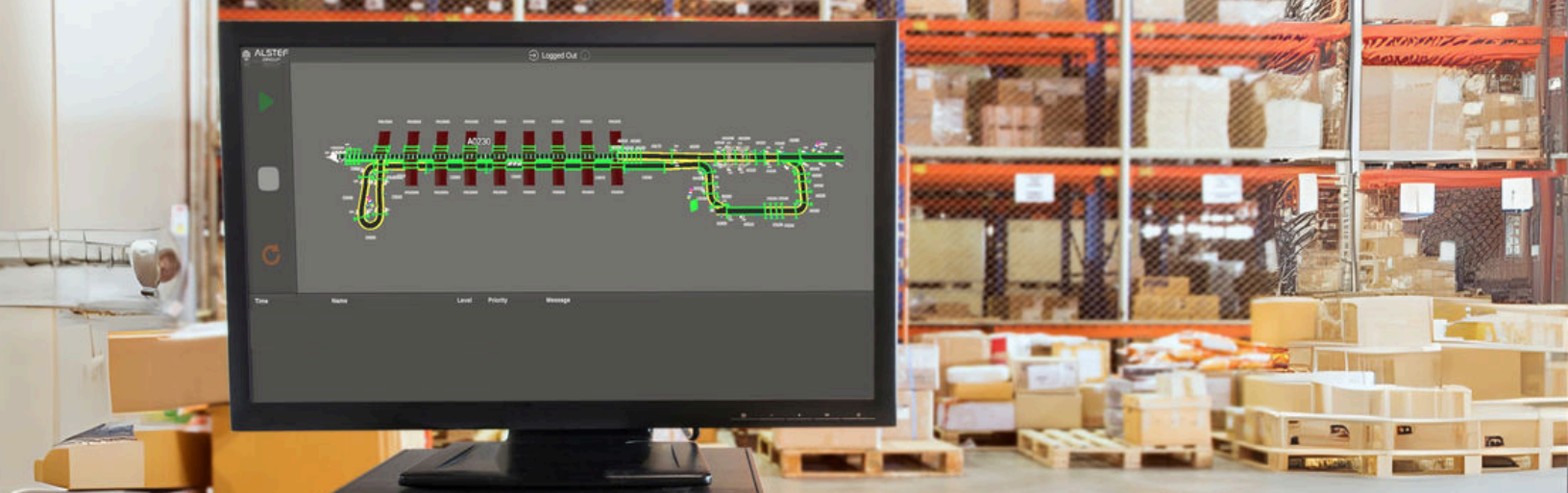
FAST Link supports various data transfer methods, including TCP, SQL, and FTP, ensuring compatibility with diverse infrastructure setups. FAST Link simplifies IT demands by centralizing data flows, reducing system complexity, and enabling real-time integration for mission-critical operations.

### BENEFITS

- ✓ Simplified IT demands with centralized control.
- ✓ Enhanced system scalability and adaptability.
- ✓ Reliable communication between enterprise systems.

### Detailed Features

- Supports multiple data transfer methods (TCP, SQL, FTP, etc.).
- Real-time data synchronization and cleanup.
- Configurable to adapt to changing business needs.



# FASTview

## Real-Time Insights for Smarter Operations

FAST View SCADA solution gives operators a graphical view of the system with full access and control of the system equipment. The pan and zoom interface allows operators to drill down into more detailed views, and equipment override functionality lets operators bypass equipment while maintenance, or corrective action, is taken.

FAST View SCADA is fully web-based, security compliant with OWASP guidelines and four 9's uptime capability. It also supports a range of common industrial protocols, providing the ability to acquire and store critical event data for future analysis.

### Detailed Features

- Operational control equipment override functionality.
- Informative, clear, representative, dynamic and flexible views.
- Intuitive modern HMI design.
- Pan and zoom interface with permanent alarm banner.

### BENEFITS

- ✓ Real-time high-speed operational insights.
- ✓ Powerful search features.
- ✓ Flexible configuration for custom conveyor layouts.



# FASTenterprise

## Centralized Oversight for Optimized Operations

FAST Enterprise is a browser-based platform that provides centralized management and oversight for all FAST Suite applications. It allows users to monitor operations, manage user accounts, and access detailed reports from any device with internet access.

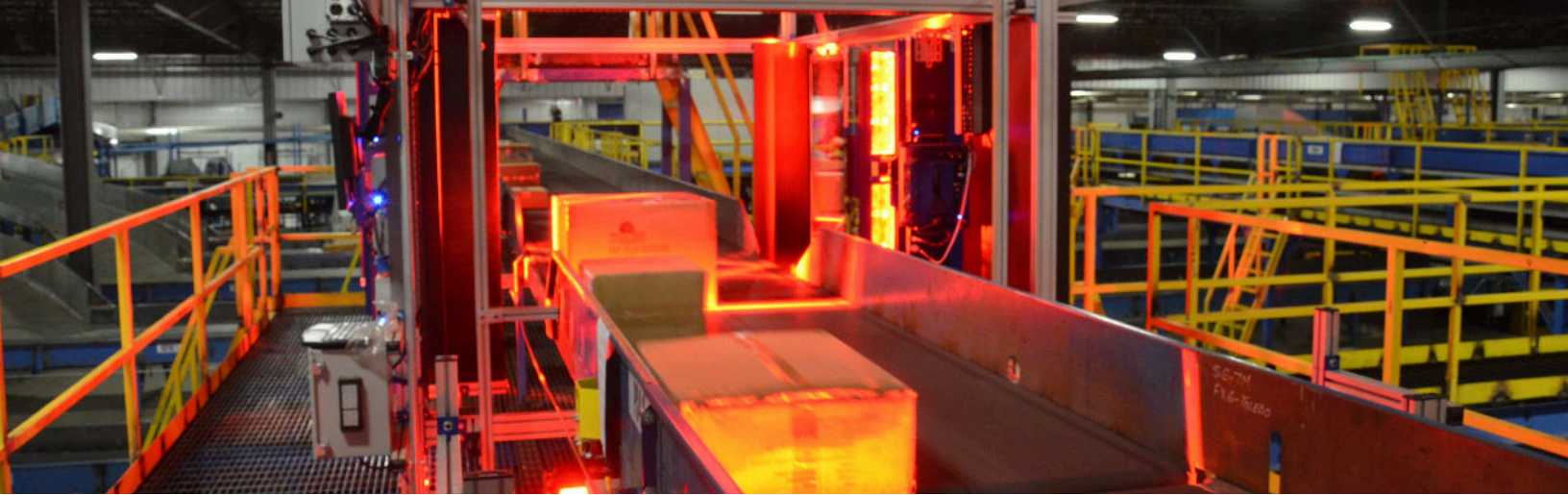
FAST Enterprise supports role-based access controls, audit trails, and shift management, making it ideal for large-scale logistics environments. Its secure architecture ensures data integrity while delivering actionable insights that drive better decision-making.

### BENEFITS

- ✓ Streamlined operations with centralized oversight.
- ✓ Increased transparency and data-driven decision-making.

### Detailed Features

- Centralized event logging, audit trails, and shift management.
- User-friendly interface for reporting and control.
- Secure access with role-based permissions.



# FASTalert

## Proactive System Monitoring and Alerts

FAST Alert provides proactive monitoring and notifications to keep systems running smoothly. This standalone application continuously scans for potential issues, sending real-time alerts via email or SMS to designated personnel when warnings or errors are detected.

Its customizable reporting features allow users to generate detailed insights into system performance, while flexible configurations make it adaptable to any organization's needs.

## Detailed Features

- Sends real-time alerts via email and SMS.
- Monitors multiple databases and triggers notifications for performance issues or system errors.
- Customizable reports (PDF, HTML, Excel).
- Configurable alert severity and frequency.

## BENEFITS

- ✓ Reduced system downtime and maintenance costs.
- ✓ Improved operational efficiency with real-time issue resolution.



# CONTROLLER EC-1000

## THE ENGINE BEHIND THE HIGH-PERFORMANCE AUTOMATION

The EC-1000 is an industrial-grade, solid-state controller engineered for ultra-fast performance in real-time tracking and material handling applications. As the backbone of the FAST Suite, it supports the system's high-speed control functionality, making it indispensable for automation across various industries.

The EC-1000's design caters to the specific needs of "islands of automation," ensuring seamless integration, flexible configuration, and robust operation. Whether managing conveyors, scanners, or label applicators, the EC-1000 excels in providing reliability and precision.

### Supported Devices:

- Conveyors, scanners, and cameras
- In-motion scales and dimensioners
- Label printer applicators and light curtains
- Photo eyes, machine vision solutions, and diverts
- Encoders and indicator lights

### Key Features

- Fully configurable components adaptable to diverse automation setups.
- Real-time architecture supporting conveyor speeds up to 600 feet per minute.
- Dual socket communication for efficient data isolation and reliable performance.
- Auto-download configuration for hassle-free setup and equipment replacement.
- Integrated diagnostics for faster troubleshooting and remote problem resolution.



**BEYOND  
AUTOMATION**



# ALSTEF GROUP

## BEYOND AUTOMATION

Alstef Group's is a leader in designing and delivering advanced automation solutions for postal, courier, e-commerce, and retail warehousing facilities. Our expertise ensures that every solution is tailored to meet specific design criteria and operational needs, offering flexibility, scalability, and future-proof capabilities.

By partnering with industry leaders, we deliver versatile and durable systems supported by comprehensive after-sales services, including 24/7 support and maintenance programs. Whether your needs are simple or complex, Alstef Group is your trusted partner for innovative parcel system automation.

## Our Integrated Solutions



### SORTATION TECHNOLOGY

Expert integration of various sorter types, including cross-belt, tray, and modular systems, ensures precise and high-speed sortation.



### DIMENSIONING, WEIGHING, AND SCANNING

Comprehensive solutions ensure accurate data capture for parcel dimensions, weight, and barcode scanning, facilitating seamless processing.



### LABEL PRINT & APPLY

Advanced labeling systems provide flexible, multi-position label application to enhance operational efficiency.

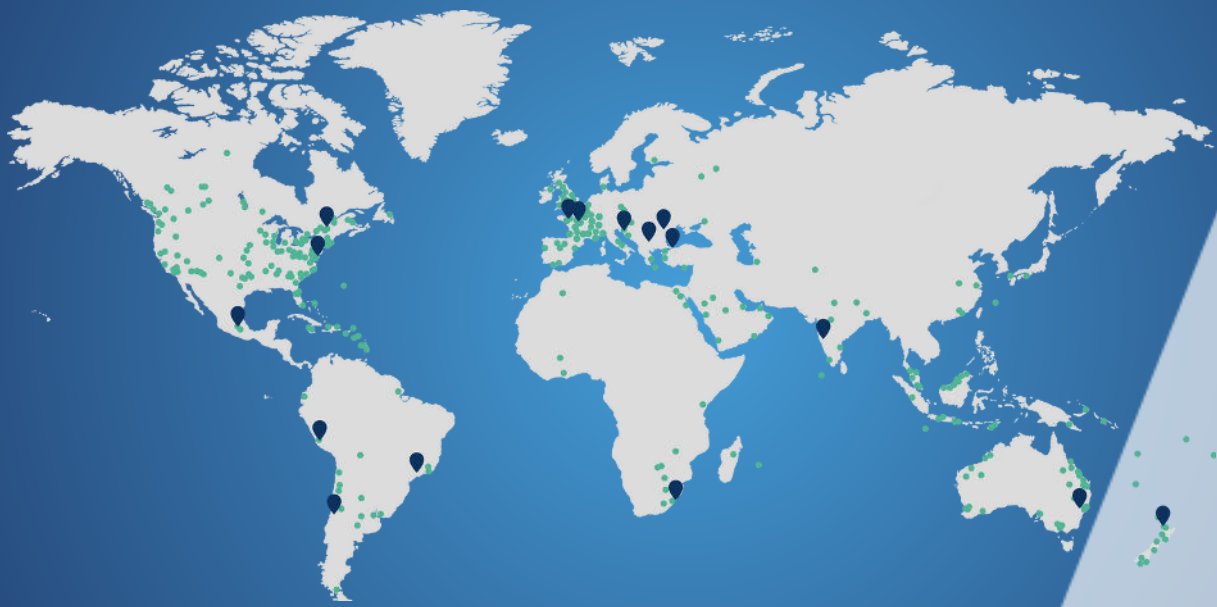


### CONVEYORS AND CAROUSELS

Customizable conveyor and carousel systems facilitate smooth material flow, tailored to specific operational needs.

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