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# Asset Tracking System



**A powerful and intelligent asset tracking system designed to monitor asset movement, improve visibility, and enhance accountability, and significantly reduce asset loss through smart tracking processes and real-time location monitoring capabilities.**

**1**

#### QR-Based Asset Tagging

Unique QR codes for quick asset identification.  
Instant access to asset details via scanning.

**2**

#### Employee Mapping

QC workflow  
verifies incoming goods

**3**

#### Location History Tracking

Tracks asset movement history.  
Ensures easy auditing and traceability.

**4**

#### Maintenance Alerts

Automated maintenance reminders.  
Reduces downtime and asset failure.

**5**

#### AMC & Warranty Tracking

Centralized tracking of warranty and AMC.  
Timely expiry alerts and renewals.

**6**

#### Real-Time Notifications

Instant alerts for asset updates and movement.  
Ensures quick response and visibility.

# Asset Management Features

## QR-Based Asset Tagging

Unique QR tags assigned to every asset.  
Enables instant and accurate asset identification. Supports faster audits and verification.

## Employee Mapping

Assets assigned and mapped to employees.  
Tracks asset ownership and responsibility.  
Helps reduce asset loss and misuse.

## Location History Tracking

Monitors asset movement across locations.  
Maintains detailed movement logs and history.  
Improves traceability and accountability.

## Maintenance Alerts

Schedules preventive maintenance automatically. Reduces unexpected downtime and failures. Extends overall asset lifecycle.

## AMC & Warranty Tracking

Tracks warranty and AMC details.  
Monitors expiry dates and coverage.  
Prevents repair costs and missed renewals.

## Real-Time Notifications

Instant alerts for asset updates and movement.  
Expiry and maintenance reminders.  
Improves response time and visibility.

# QR-Based Asset Tagging

Uses unique QR codes to instantly identify and track assets, enabling faster audits, accurate records, and improved asset management efficiency.

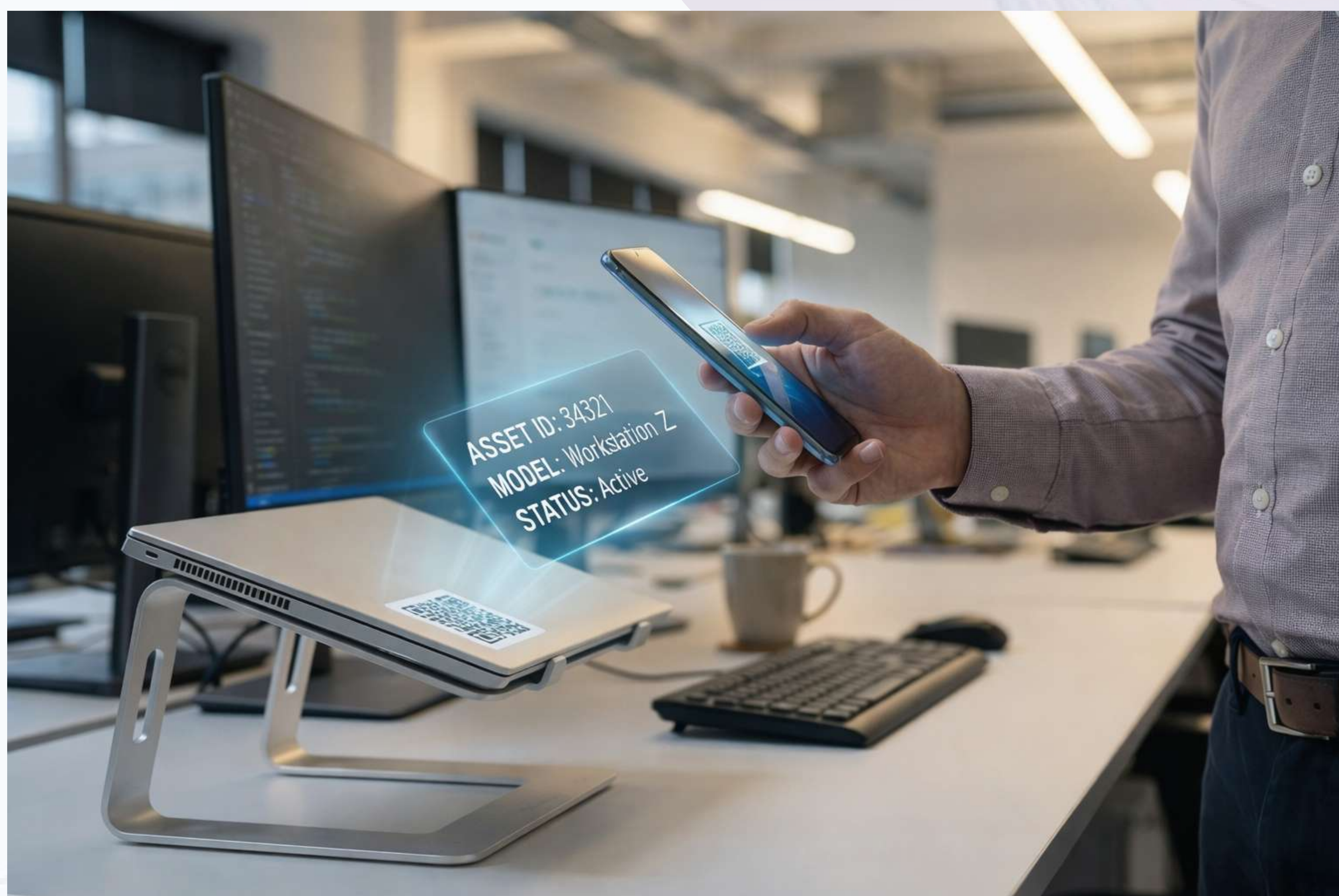
- Unique QR tags for every asset
- Instant asset identification
- Faster audits



# Employee Mapping

Assigns assets to employees to track ownership and responsibility, improving accountability and reducing overall asset loss effectively.

- Assign assets to employees
- Track asset ownership and responsibility
- Reduce asset loss



# Location History Tracking

Tracks asset movement and location history, providing visibility into usage patterns and accountability. Helps identify asset misuse or issues.

- Know where assets move
- Movement logs and history
- Improved accountability



# Maintenance Alerts

Sends timely alerts for scheduled and preventive maintenance, reducing downtime and extending overall asset lifespan efficiently.

- Preventive maintenance scheduling
- Reduce downtime
- Extend asset lifecycle



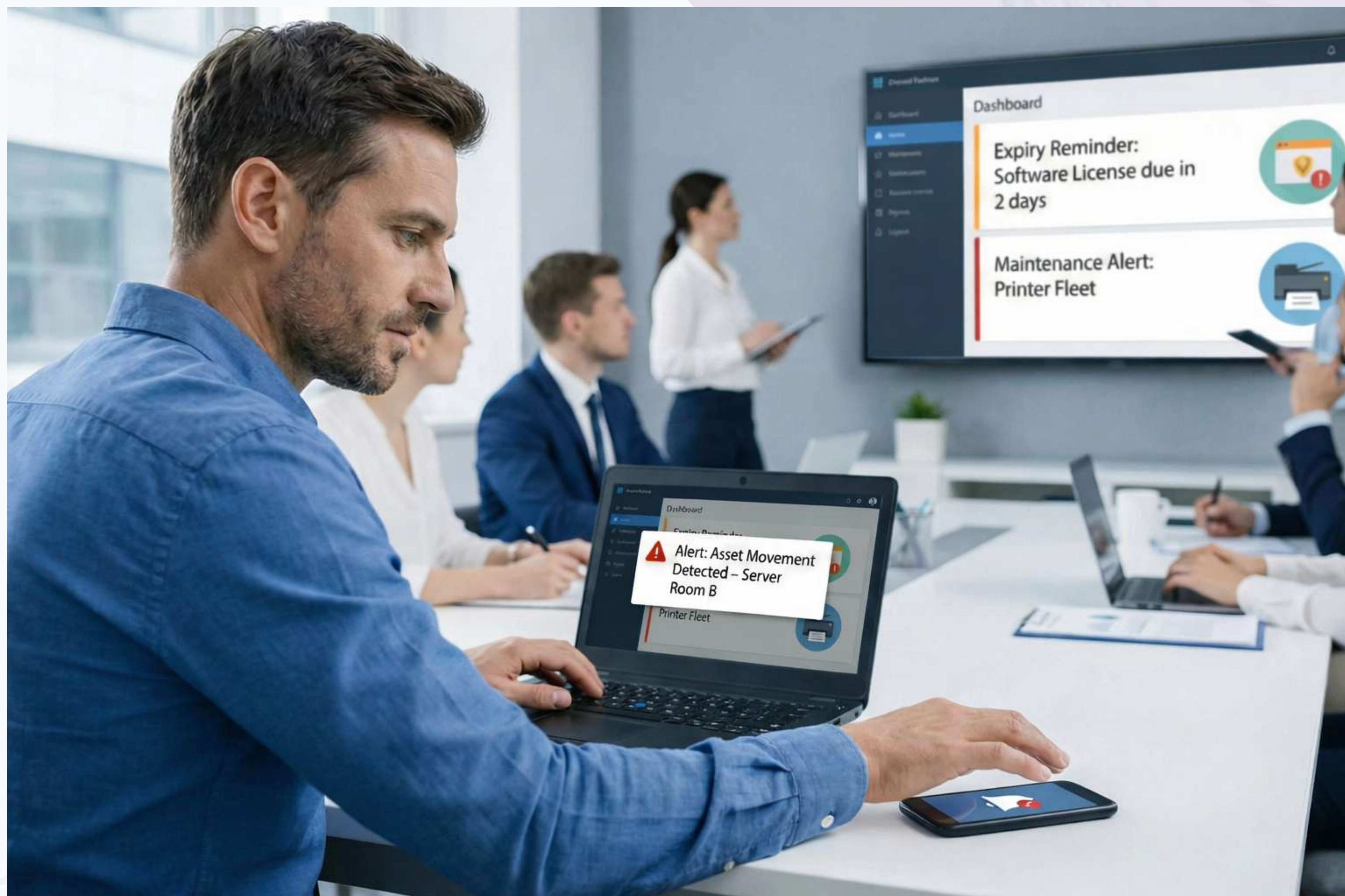
# AMC & Warranty Tracking

Tracks warranty and AMC details, ensuring timely renewals and avoiding unexpected repair costs.

- Unique QR tags for every asset
- Instant asset identification
- Faster audits



## Real-Time Notifications



Assigns assets to employees to track ownership and responsibility, improving accountability and reducing overall asset loss effectively.

- Assign assets to employees
- Track asset ownership and responsibility
- Reduce asset loss



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# AutoMedic

AI-Powered Automation for Smarter Enterprises  
Where Bots Work, Humans Excel



Intelligent Robotic Process Automation (RPA)  
Platform Automate. Optimize. Accelerate.

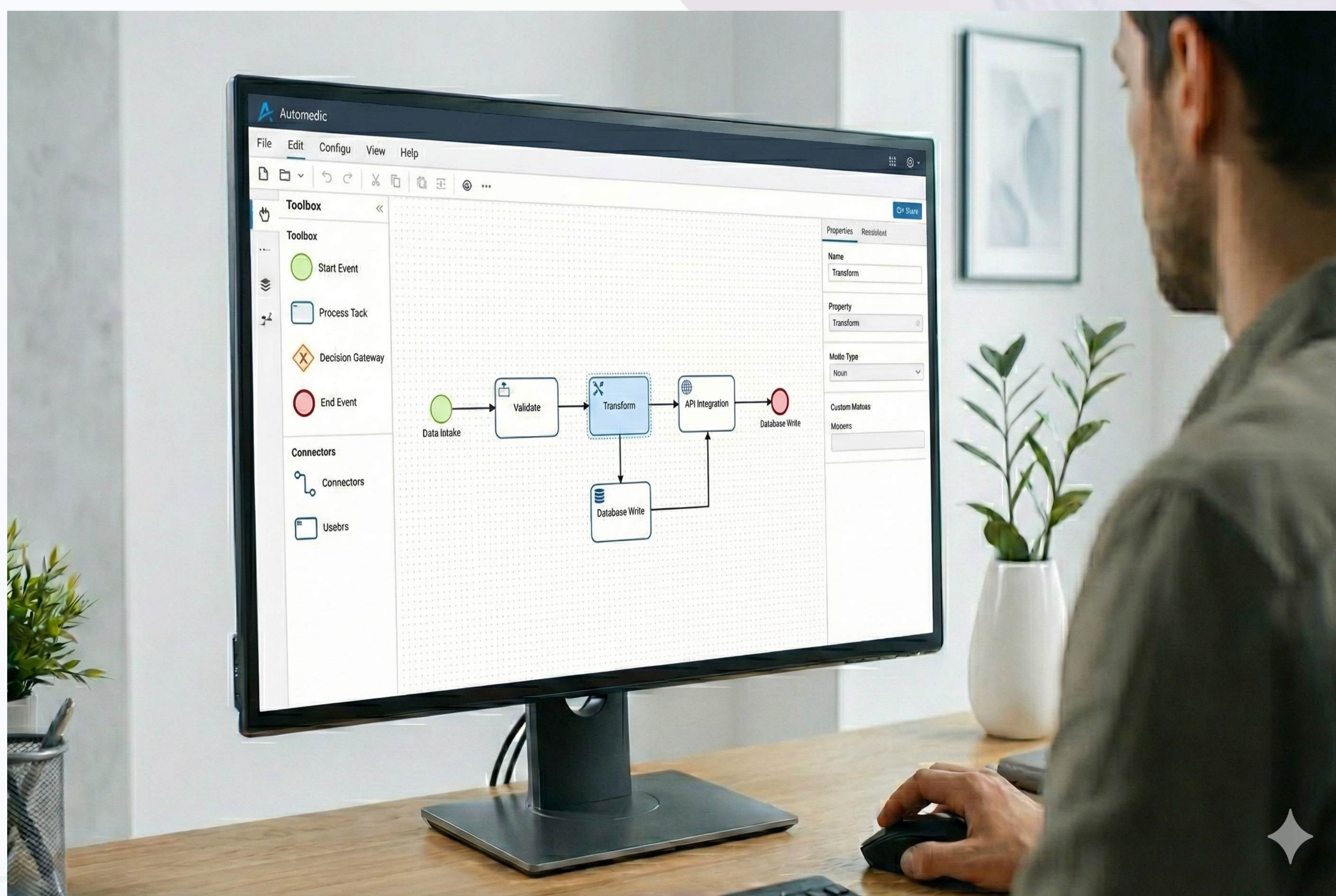
# Executive Overview

AutoMedic is an enterprise-grade Robotic Process Automation (RPA) platform designed to automate repetitive, rule-based, and data-driven business processes across web applications, desktop systems, databases, and enterprise platforms. It enables organizations to:

- Reduce manual workload
- Improve operational accuracy
- Increase processing speed
- Minimize human errors
- Achieve real-time process visibility



## Visual Drag & Drop Workflow Designer



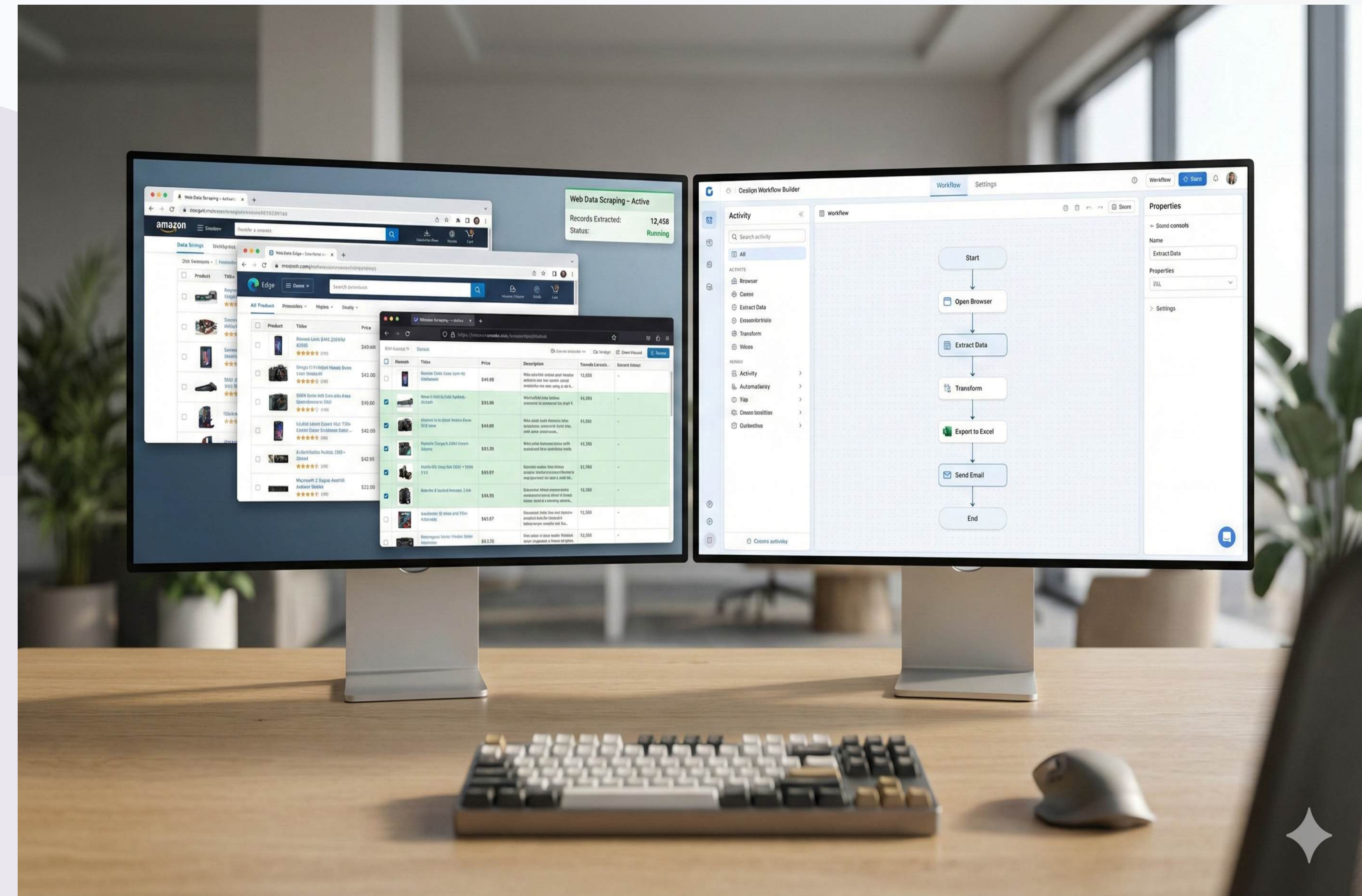
AutoMedic provides a user-friendly visual workflow designer that allows users to build automation processes using drag-and-drop components. Users can:

- Design automation flows visually
- Configure actions and decision logic
- Modify workflows easily
- Deploy automation without complex coding

# Web Automation & Data Scraping

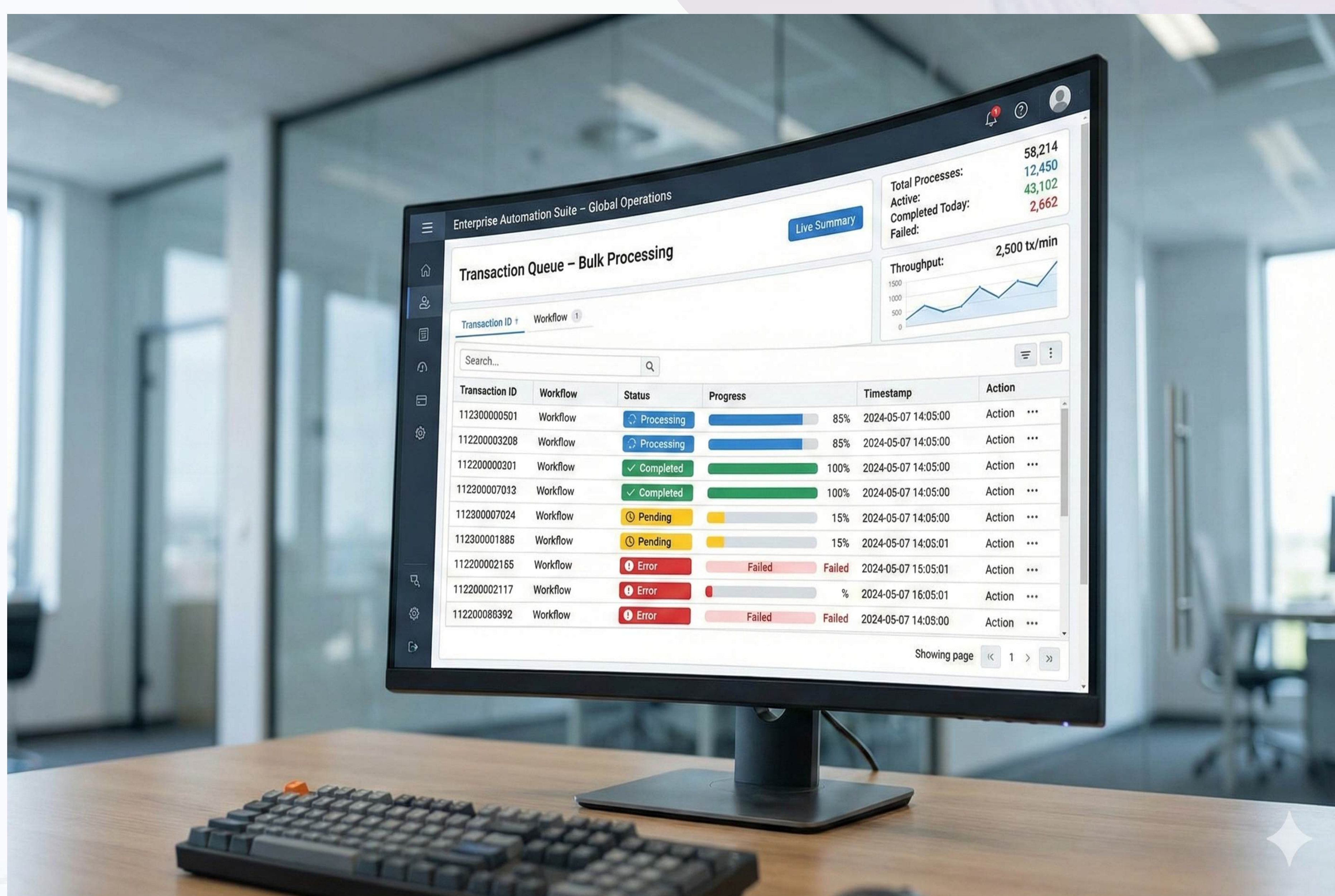
AutoMedic automates web-based tasks across multiple browsers with high accuracy, enabling seamless interaction with web applications and dynamic online systems.

- Form filling automation
- Data extraction from portals
- Order processing



# Work Queue for Bulk Transaction Processing

AutoMedic includes a centralized work queue system for handling high-volume transactions efficiently and reliably, ensuring smooth bulk processing and tracking.



- Transaction-level tracking
- Status monitoring
- Error marking and retry
- Bulk data processing

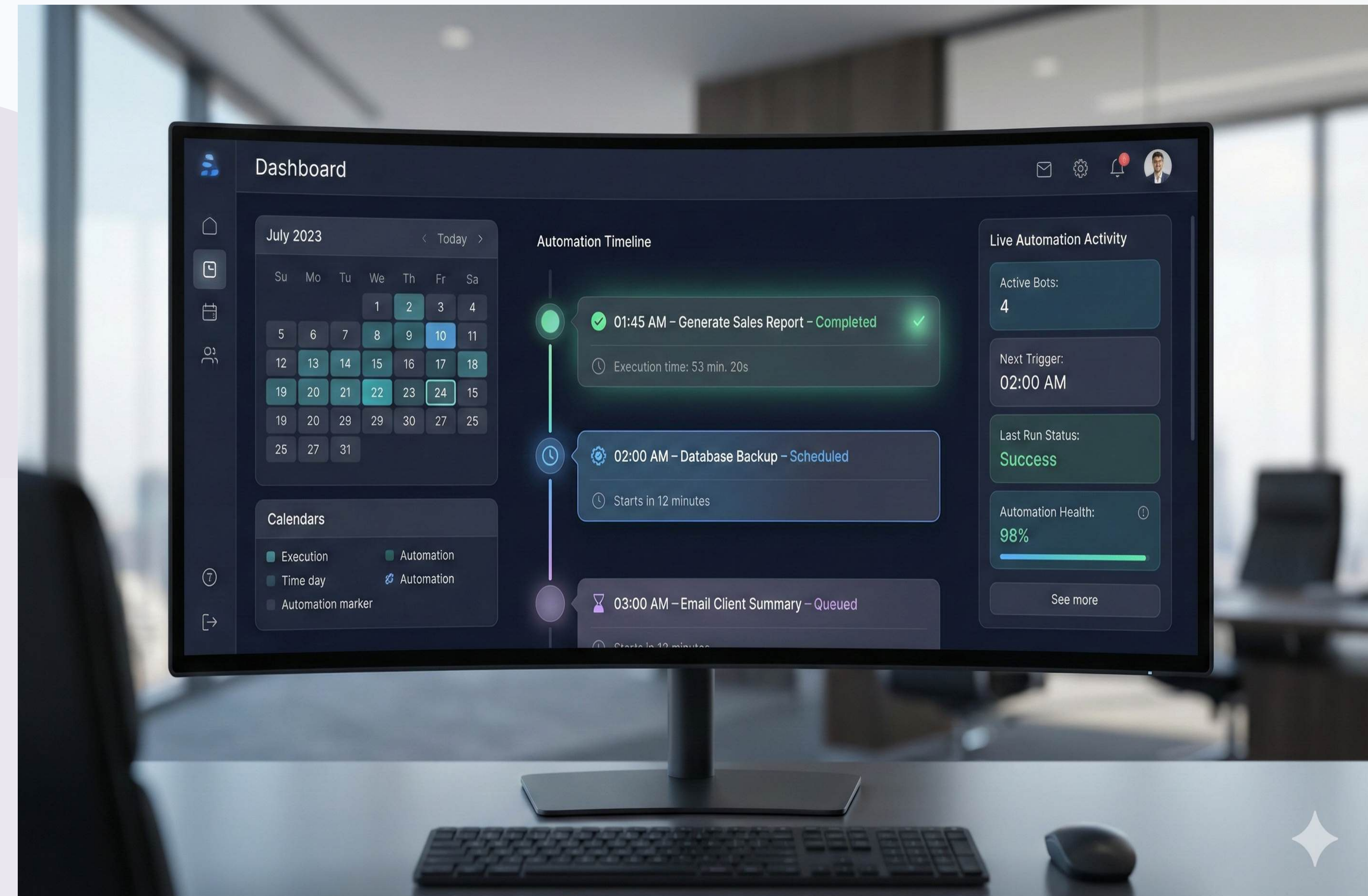
**Ideal for:**

- Order processing
- Invoice validation
- Bulk data updates
- Reconciliation tasks

# Task Scheduling

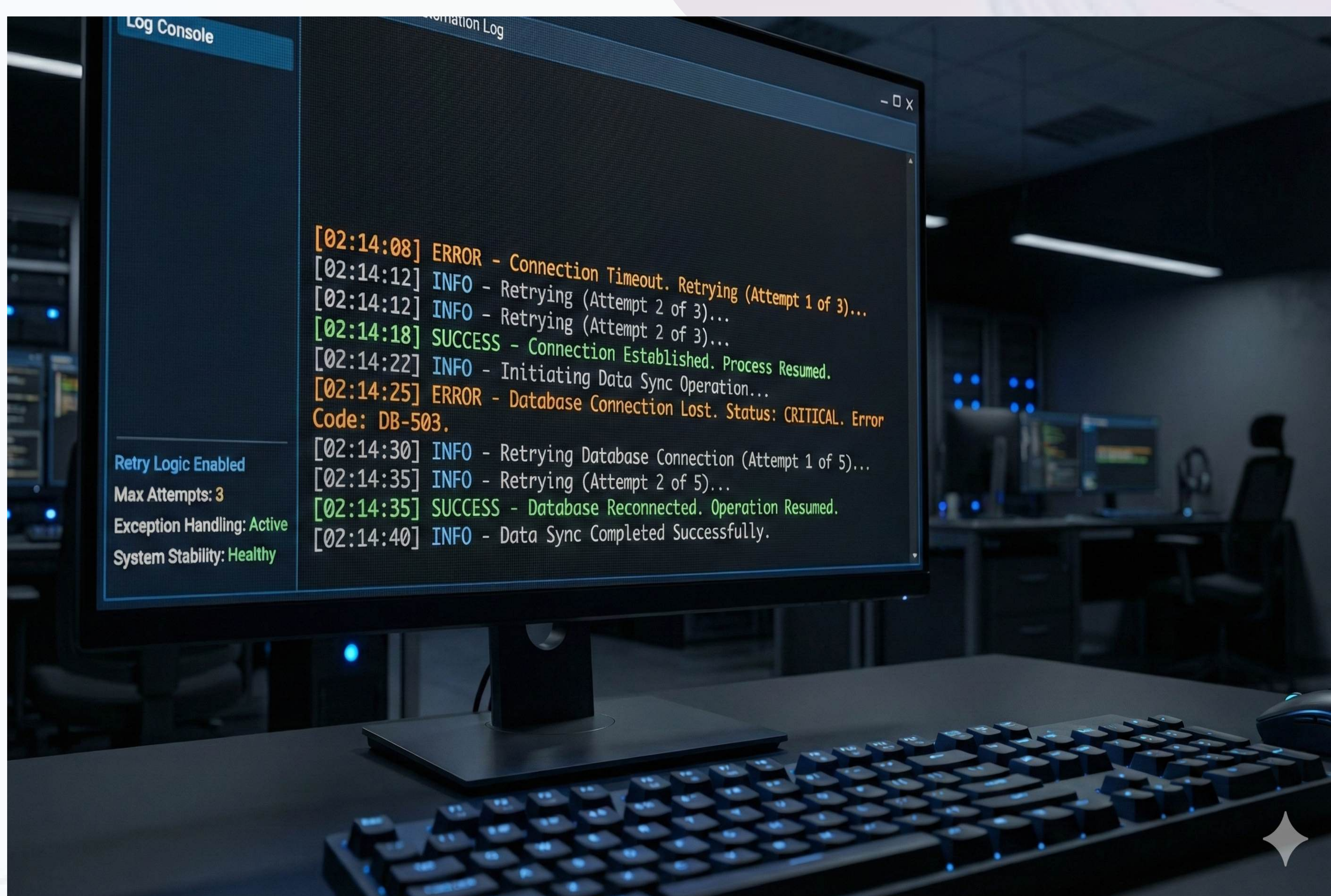
Automation can be scheduled to run automatically at fixed times or triggered instantly by specific events without manual intervention. This ensures consistent, timely execution of processes and improves overall operational efficiency.

- Fixed time intervals (daily, weekly, monthly)
- Specific time triggers
- Event-based triggers



# Advanced Retry & Exception Handling

AutoMedic ensures reliable automation by automatically managing errors, retries, and recovery from failures. This minimizes process disruption and maintains continuous business operations.

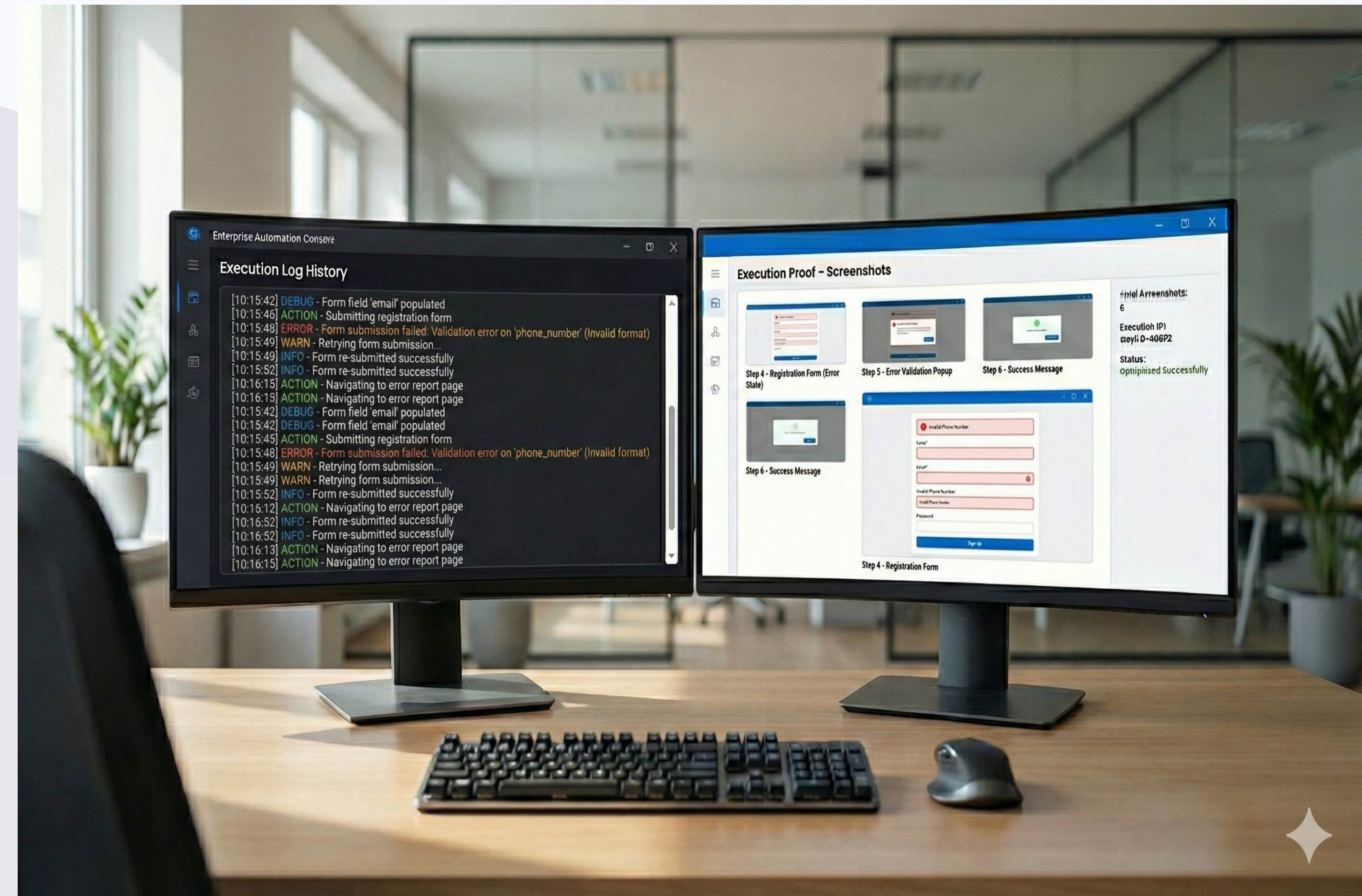


- Configurable retry attempts
- Automatic recovery from temporary failures
- Detailed error logs
- Controlled exception flow

# Screenshot Capture & Detailed Execution Logs

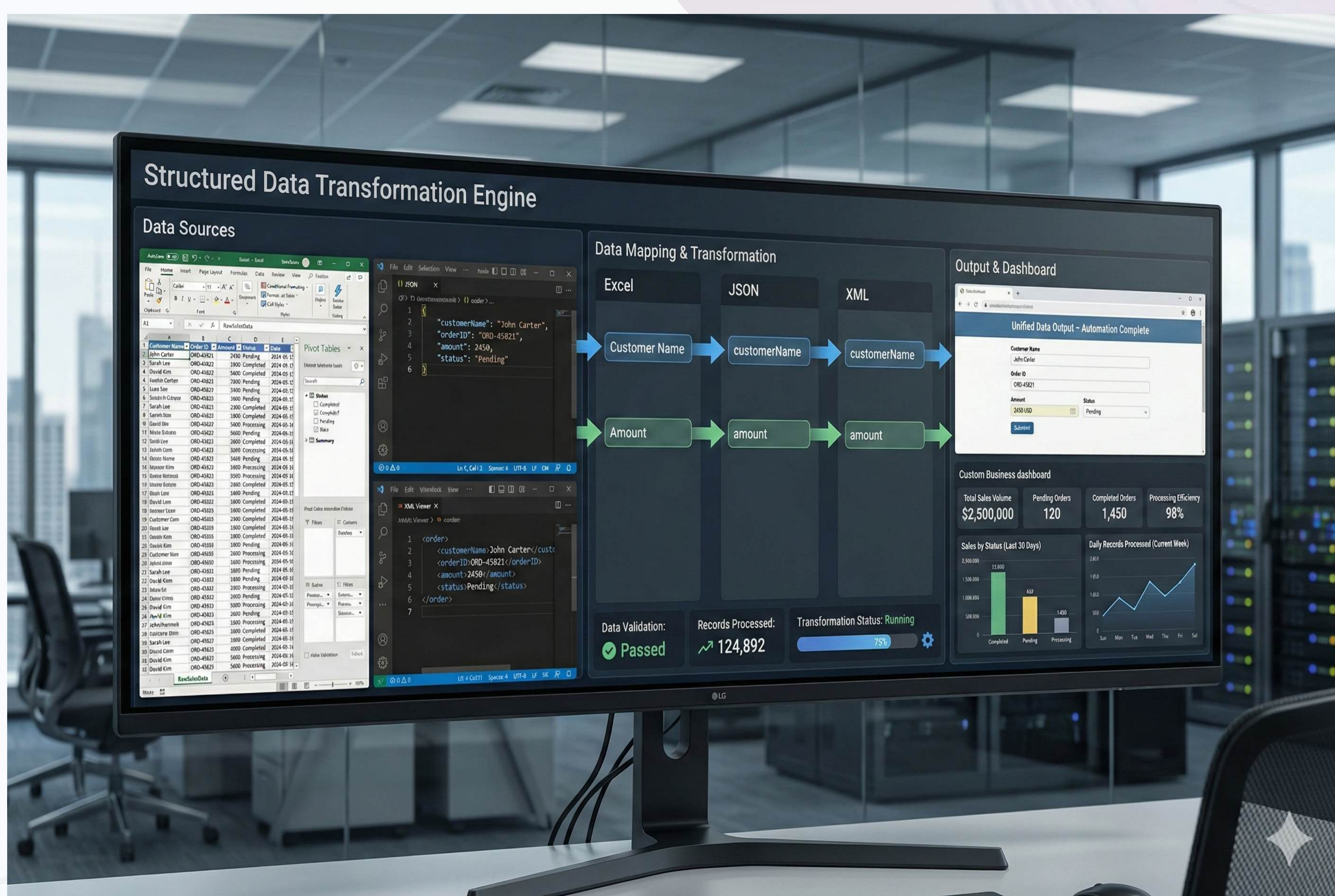
Every automation run is logged with detailed execution history, status tracking, and supporting evidence for monitoring and auditing. This provides complete transparency, compliance, and easier troubleshooting.

- Execution history
- Detailed process logs
- Status tracking
- Screenshot capture for audit and debugging



# Excel, CSV, JSON & XML Data Processing

AutoMedic supports structured data handling by efficiently reading, processing, and transforming data across multiple file formats. This enables seamless data integration, validation, and accurate system-to-system communication.

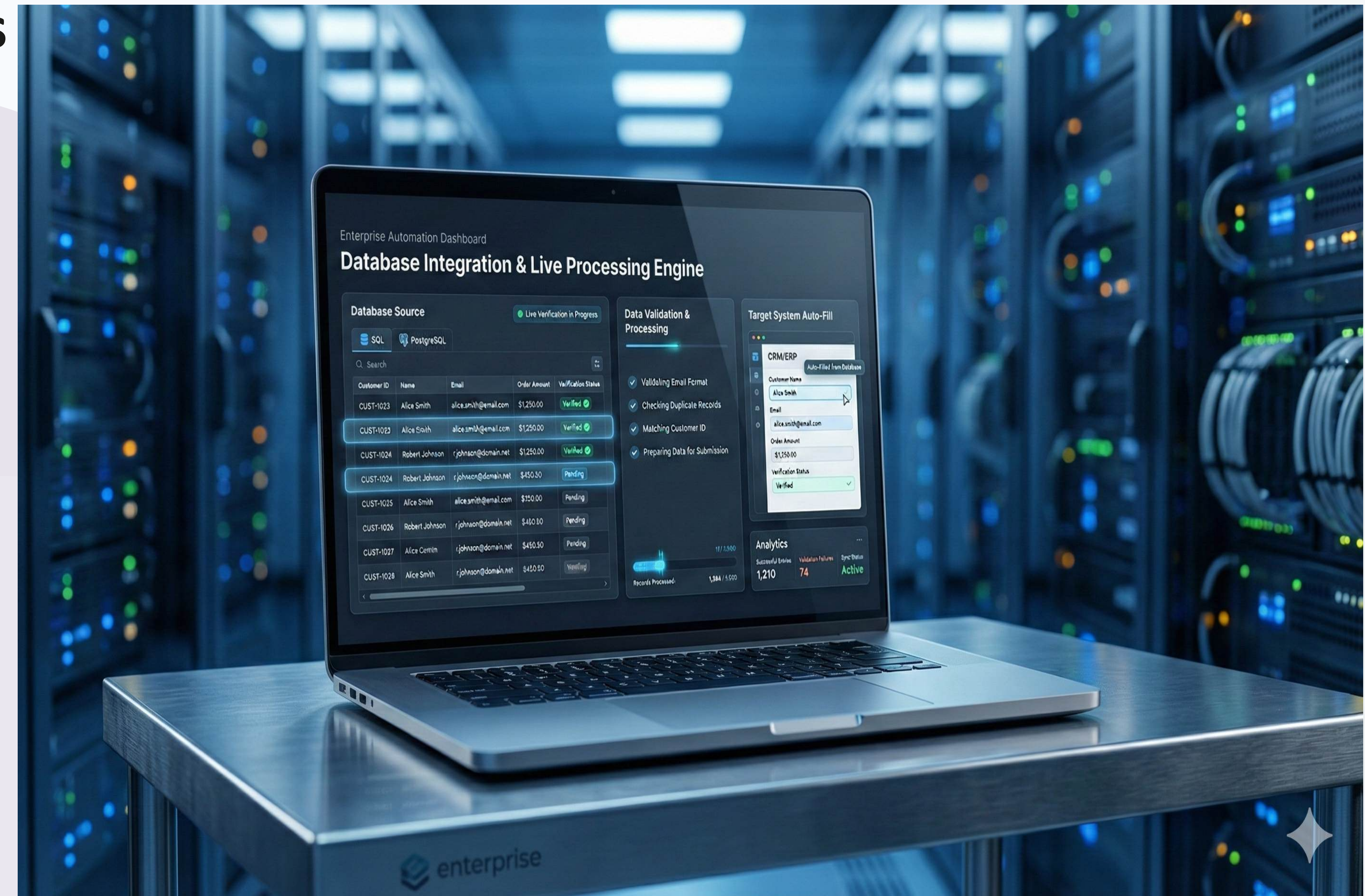


- Read and write Excel files
- Process CSV data
- Parse JSON
- Handle XML data
- Data validation
- Data transformation
- Field mapping
- Data normalization

# Database Integration (SQL / PostgreSQL)

AutoMedic integrates directly with enterprise databases to enable secure, real-time data operations across systems efficiently and with enterprise-grade performance.

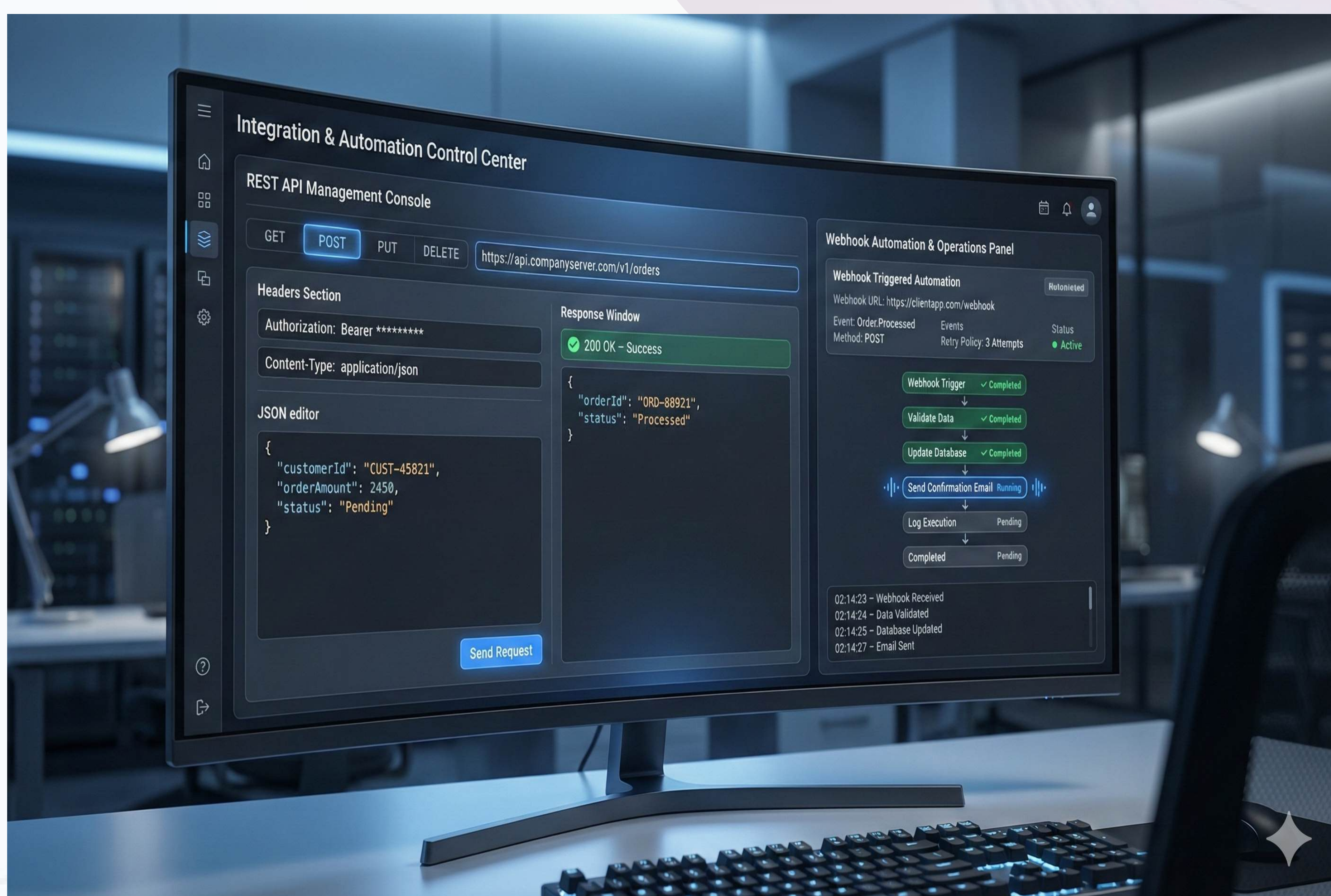
- Data extraction
- Insert / Update / Delete operations
- Bulk data processing
- Real-time synchronization



# REST API Integration & Webhooks

AutoMedic allows system-to-system integration through secure APIs and webhooks for seamless real-time data exchange with high reliability and scalable enterprise connectivity.

- REST API calls (GET, POST, PUT, DELETE)
- Header and authentication management
- JSON payload handling
- Response processing



# Role-Based Access Control (RBAC)

Enterprise-level security includes robust access control, role-based permissions, and secure authentication to protect automation workflows and data across the organization.

- User role management
- Permission-based access
- Controlled automation access
- Secure authentication mechanisms



# Real-Time Monitoring Dashboard

Centralized dashboard for real-time monitoring of bots, transactions, system performance, and overall automation health with actionable insights.

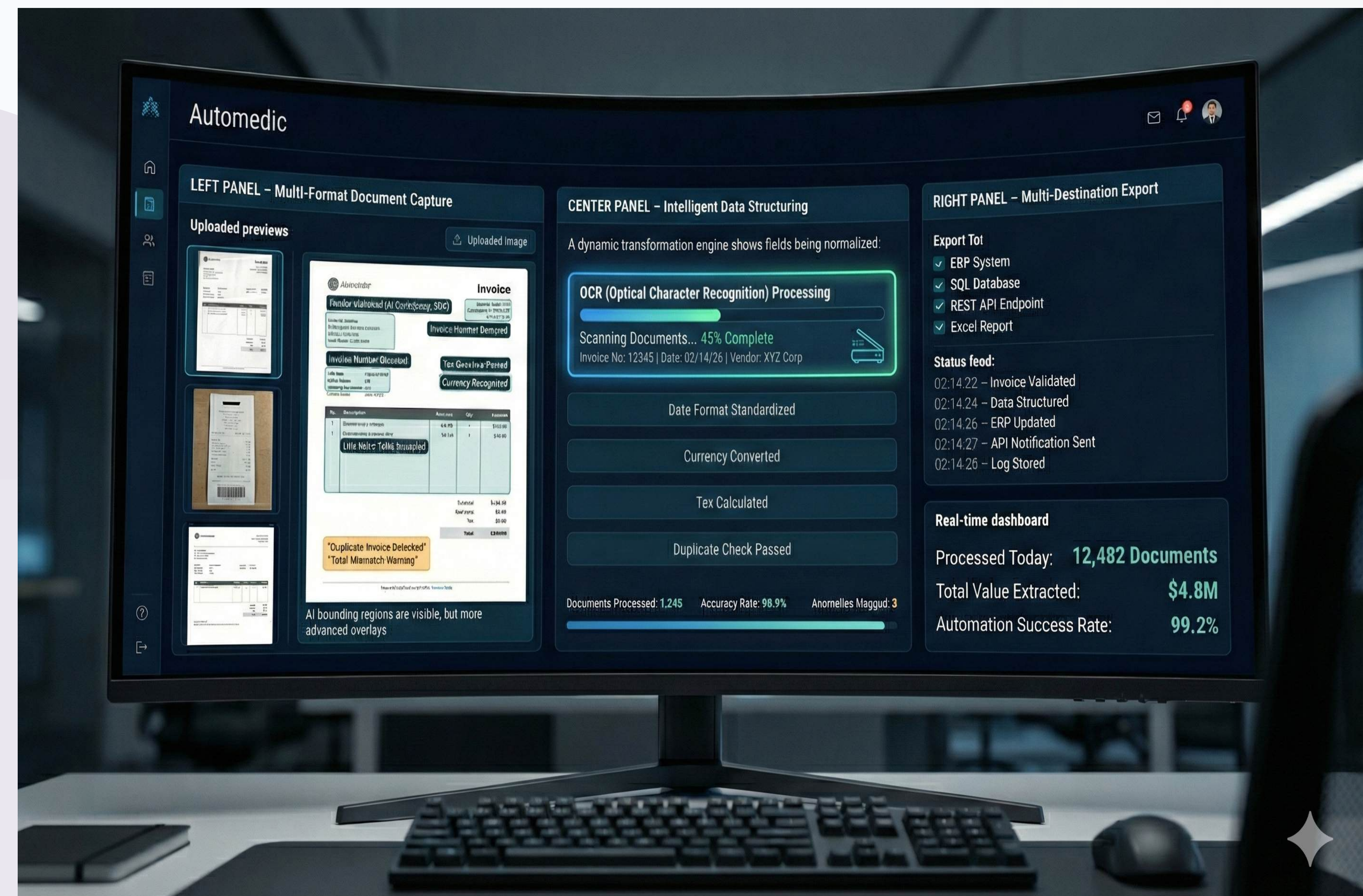


- Active bots monitoring
- Transaction statistics
- Success/failure rates
- System health tracking
- Resource usage monitoring

# AI/OCR/Image-Based Automation Support

AutoMedic supports intelligent document processing through AI and OCR capabilities, enabling accurate extraction and automation of data from documents at scale.

- Scanned invoices
  - Image-based documents
  - PDF documents
  - Screenshot-based inputs
- Supports:**
- Text extraction
  - Field identification
  - Structured data conversion



# Attended, Unattended & Hybrid Bot Execution



AutoMedic supports flexible automation deployment models:

## Attended Bots:

Run alongside employees and assist in real-time tasks.

## Unattended Bots:

Operate independently on servers without human involvement.

## Hybrid Automation:

Combines attended and unattended modes for complex enterprise processes.

This flexibility allows organizations to scale automation as per operational requirements.



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# RX Label Features



**Our RX Label Features ensure accurate labeling, seamless tracking, and compliance - enhancing efficiency, reducing errors, and improving control across your labeling process.**

**1**

**Flexible Label  
Page Setup**

**2**

**Advanced Label  
Template Designer**

**3**

**Real-Time  
Print Preview**

**4**

**Intelligent Print  
Form Designer**

**5**

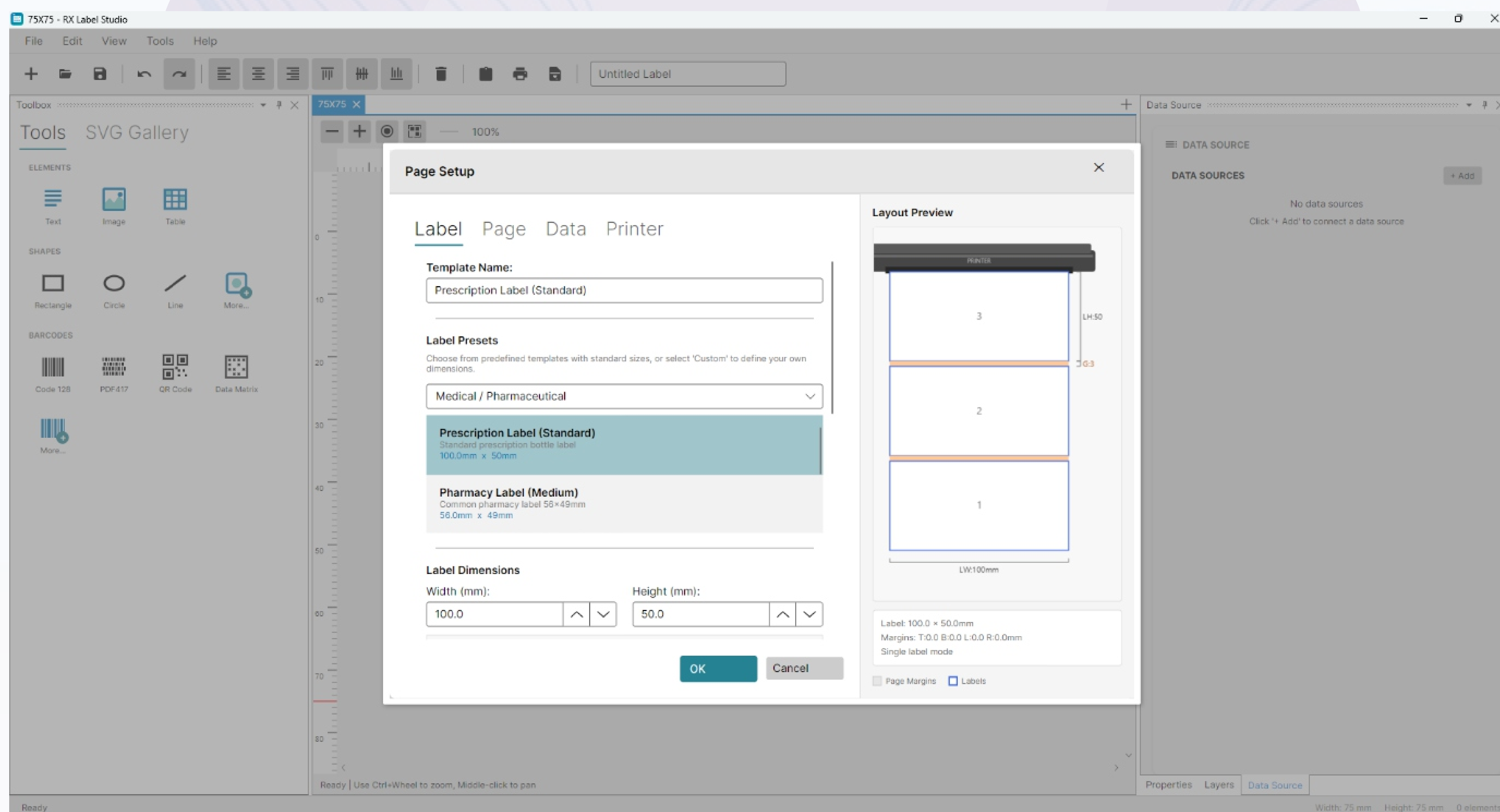
**Printer Language Import  
(ZPL/T SPL Support)**

**6**

**Smart Data Integration  
for Automated Labelling**

# Flexible Label Page Setup

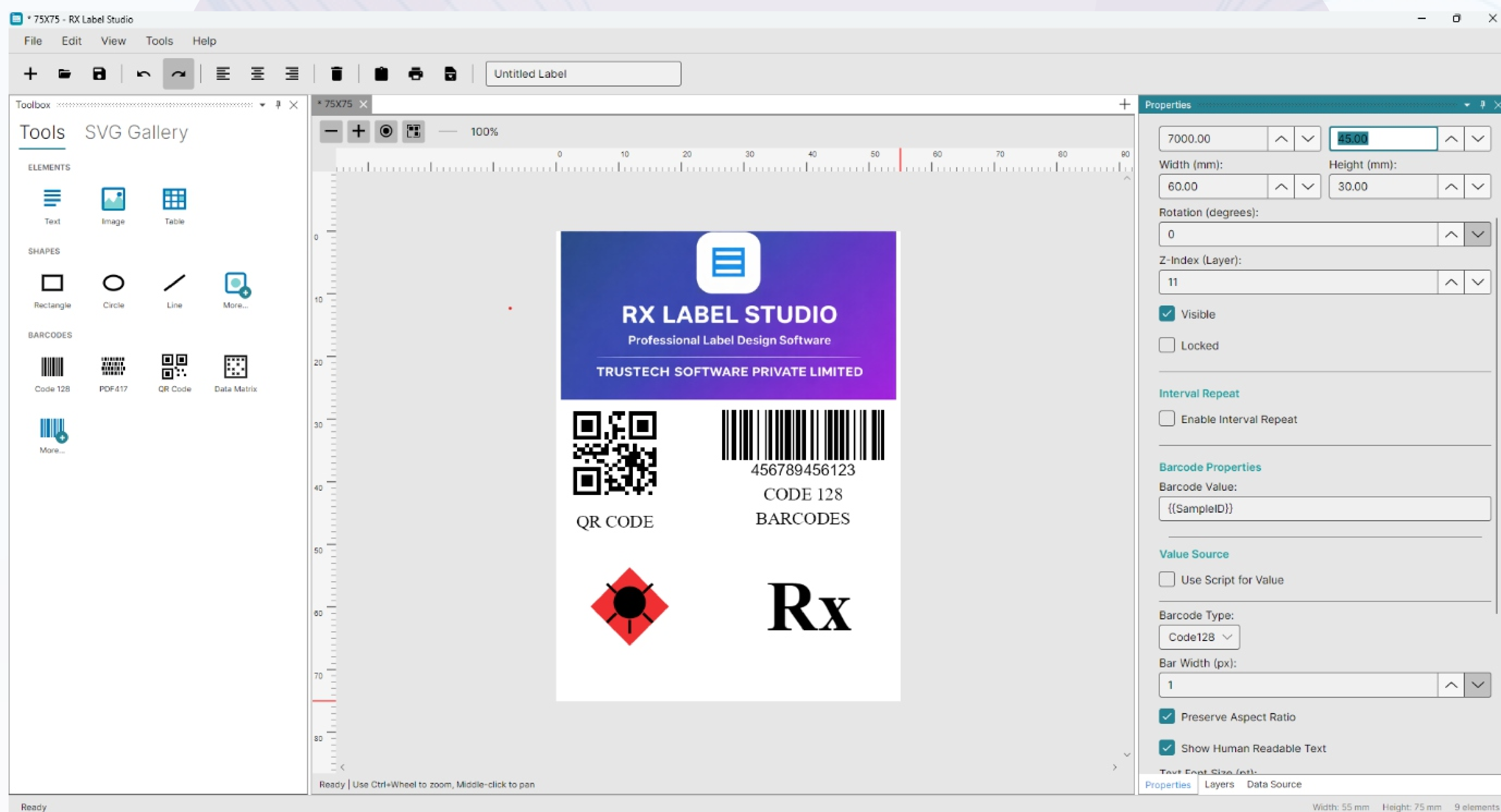
**RX Label Studio simplifies label size and layout configuration to match diverse packaging and industry requirements. Users can select from predefined presets for pharmaceutical, medical, logistics, and retail labels or define custom dimensions as needed.**



**This flexibility ensures precise alignment, optimal label utilization, and compatibility with a wide range of printers and media types-resulting in consistent, high-quality print output.**

# Advanced Label Template Designer

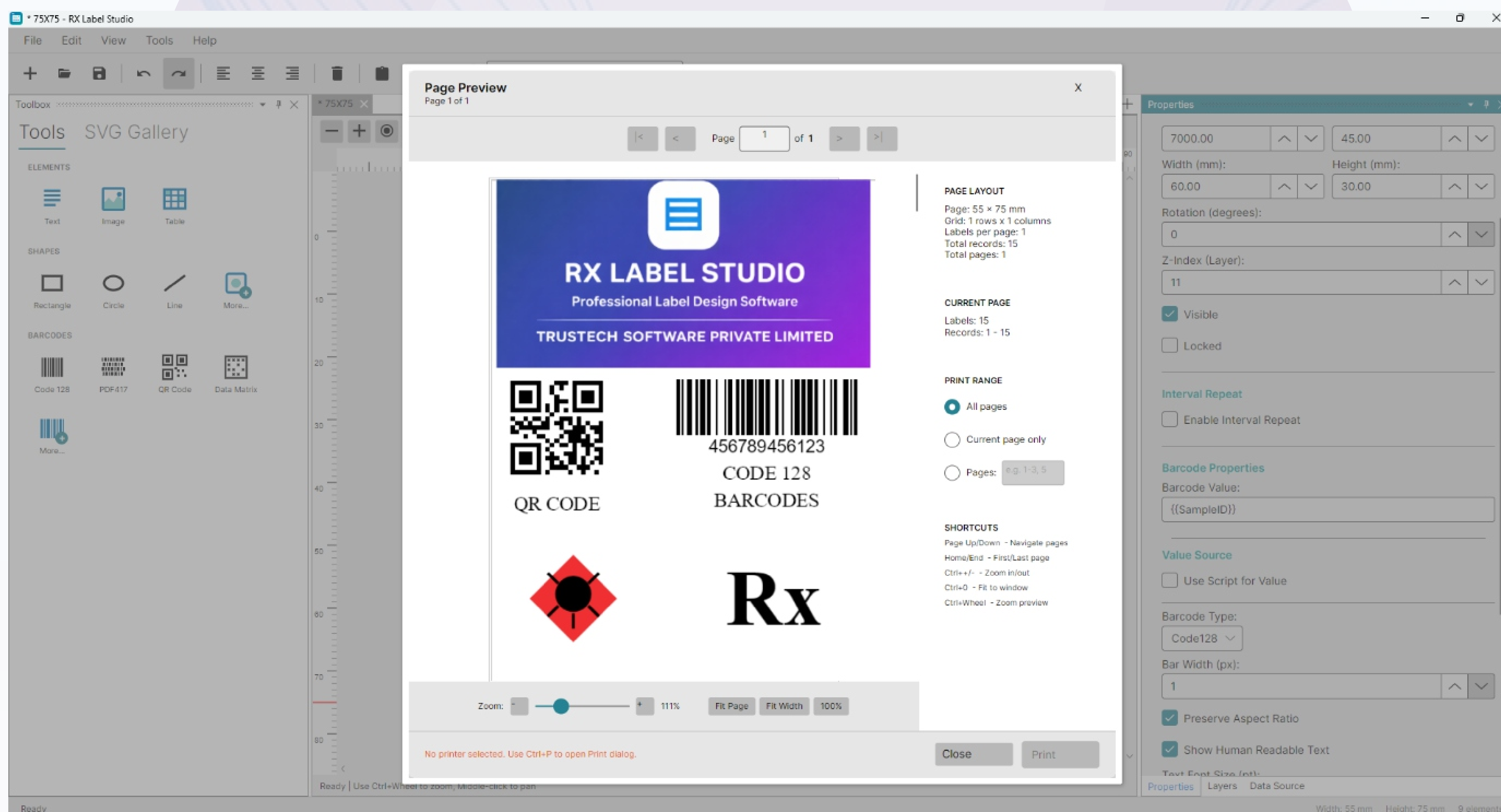
The advanced label template designer allows users to build professional, compliant label layouts with ease. Labels can be customized using barcodes, QR codes, text, images, shapes, and regulatory symbols through a precise drag-and-drop environment.



Dynamic data binding ensures label elements automatically pull real-time information from connected systems, delivering standardized, accurate, and production-ready labels for manufacturing, logistics, and packaging applications.

# Real-Time Print Preview

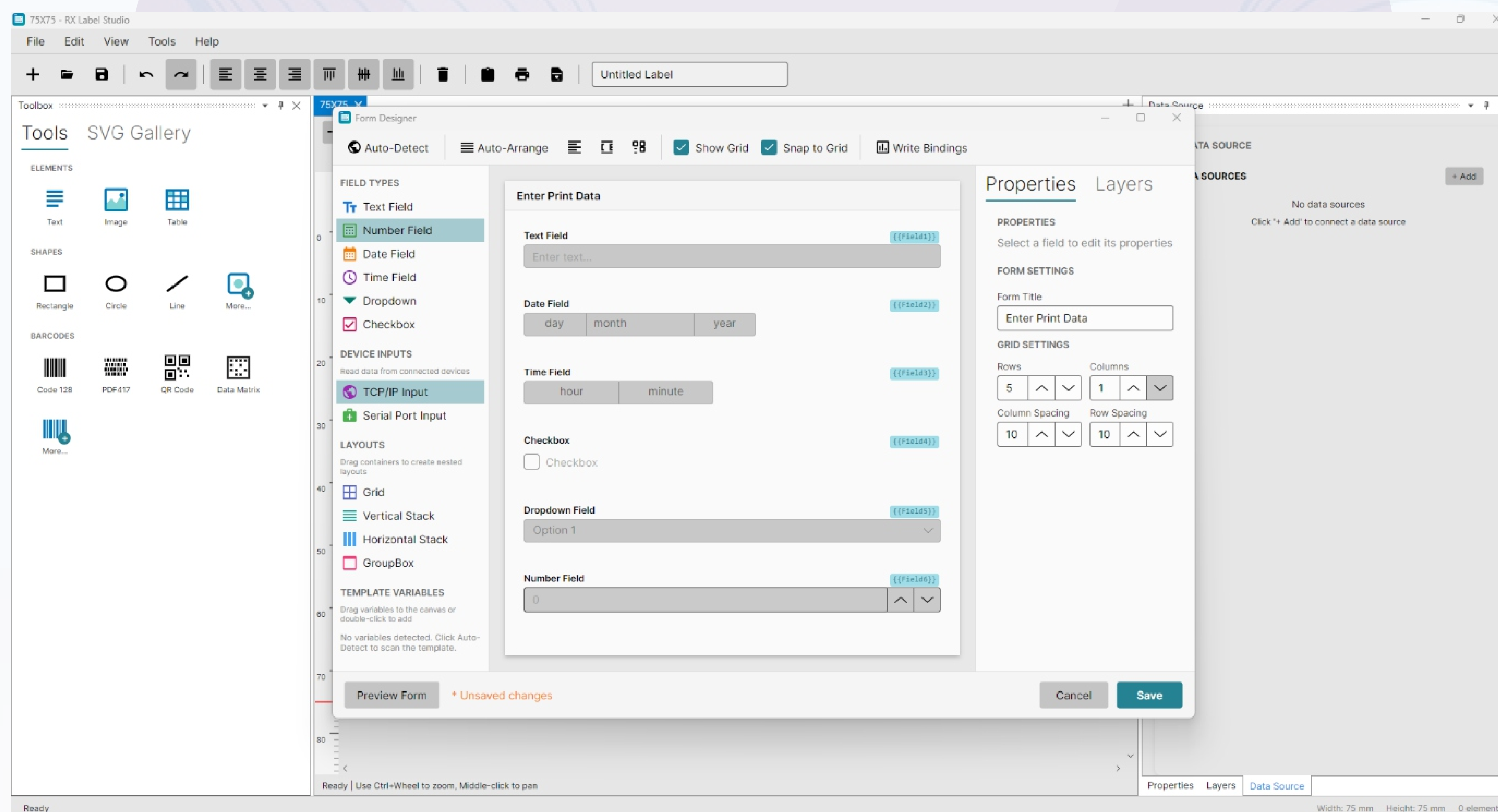
The real-time print preview feature allows users to validate label designs before printing. Operators can verify barcode readability, text alignment, data accuracy, and overall layout, helping prevent errors and reduce material waste.



Accurate on-screen previews improve quality control and enhance printing confidence in high-volume production environments.

# Intelligent Print Form Designer

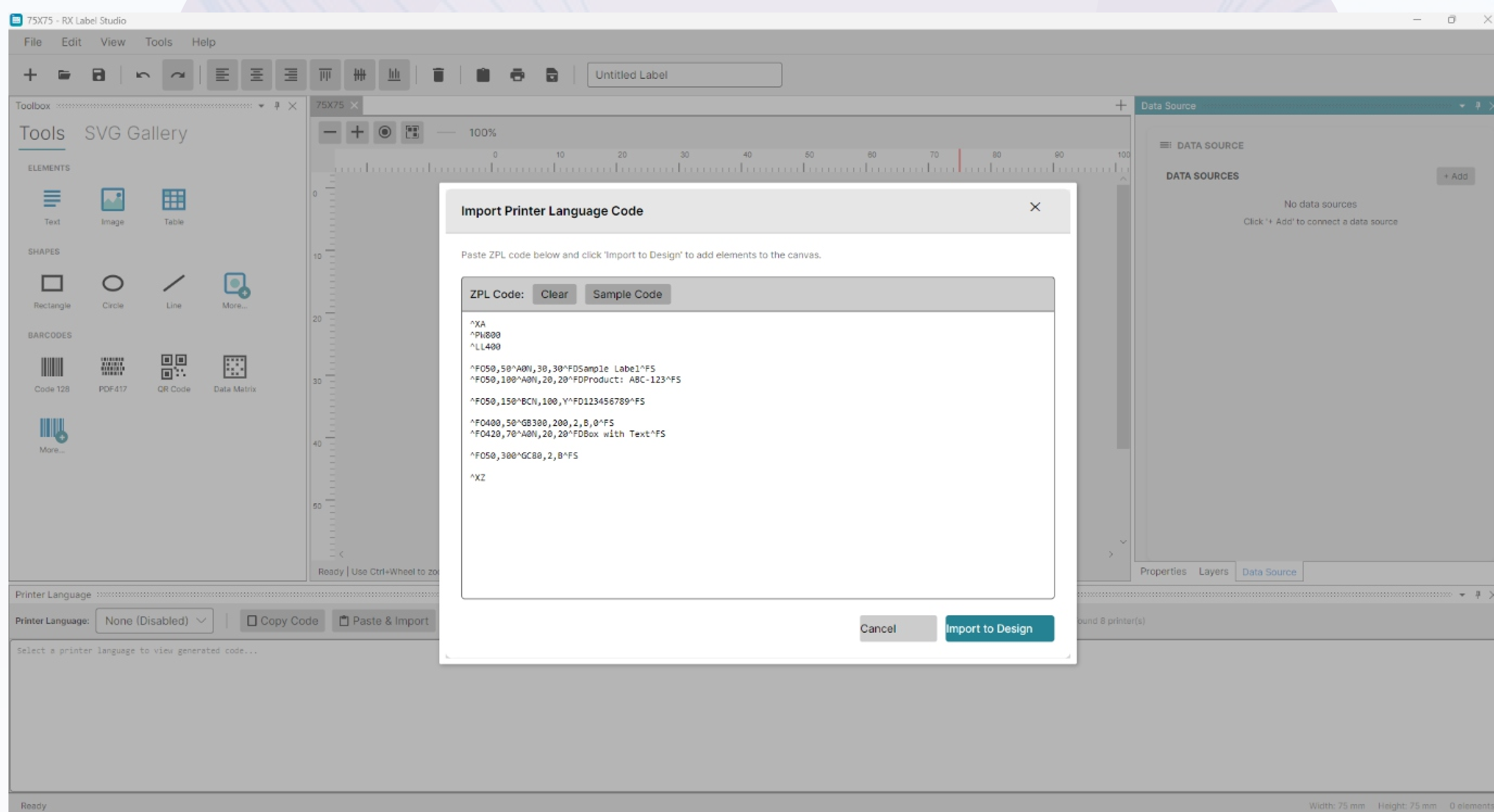
RX Label Studio features a flexible print form designer that prompts operators to enter required information before printing. Using an intuitive drag-and-drop interface, users can create text fields, numeric inputs, dates, times, dropdowns, and checkboxes to capture batch- or production-specific data.



This controlled data entry process improves accuracy, reduces manual errors, and enables real-time, dynamic label generation-making labelling workflows more efficient and production-ready.

# Printer Language Import (ZPL/TSPL Support)

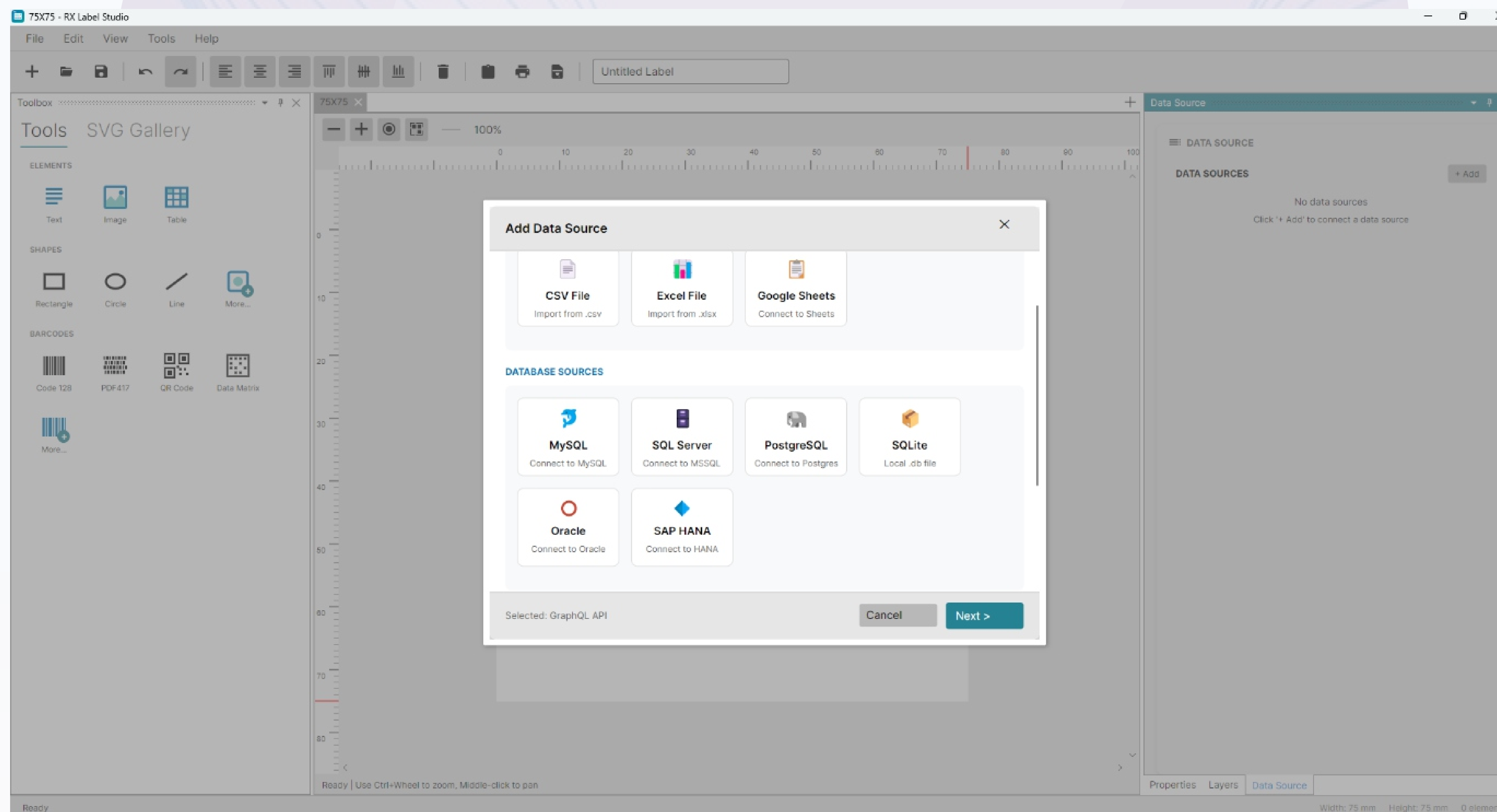
**RX Label Studio supports direct import of existing printer language files such as ZPL and TSPL. Legacy label formats can be converted into fully editable templates without redesigning them from scratch.**



**This capability enables fast migration of existing label assets into a centralized platform, supporting dynamic data integration, automated workflows, and streamlined label management.**

# Smart Data Integration for Automated Labelling

**RX Label Studio enables accurate, real-time label generation by seamlessly integrating with multiple enterprise data sources. The platform supports Excel, CSV, cloud-based Google Sheets from Google, and leading databases including MySQL, SQL Server from Microsoft, PostgreSQL, Oracle from Oracle, SQLite, and SAP HANA from SAP SE.**



**By leveraging live production, inventory, and ERP data, RX Label Studio automates label printing, eliminates manual data entry, minimizes errors, and ensures regulatory and operational compliance. This enables dynamic, system-driven labelling for batch printing, serialization, pallet labels, logistics dispatch, and product identification across manufacturing and supply chain operations.**



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# Manufacturing WIP with Intelligent Automation (Work In Progress & Automation Platform)



**End-to-end production and warehouse automation system that integrates manufacturing execution, inventory automation, and real-time monitoring. Ensures complete visibility, faster execution, reduced manual effort, and data-driven decision-making from raw material to finished goods.**

# Production Flow

## Production Planning & Scheduling

Plans and schedules production activities efficiently to ensure optimal resource utilization. Supports capacity planning and ensures timely order completion with improved production flow.

## Job Card Management

Creates and manages digital job cards for each production order. Tracks work progress, assigned operators, and job status in real time to ensure better production control and transparency.

## Intelligent Task Assignment for Pick, Put, RM & FG

System automatically assigns raw material picking and put-away tasks based on priority and workload. Reduces manual task allocation effort and ensures balanced workload distribution across warehouse and production teams.

## Stage-Wise Production Tracking

Monitors production progress at each defined stage in real time. Ensures smooth workflow, better process visibility, and quick identification of bottlenecks to improve overall production efficiency.

# Production Flow

## Raw Material to Finished Goods Traceability

Tracks materials from raw input to finished goods accurately. Provides complete visibility across the entire production lifecycle, ensuring better process control, quality assurance, and compliance readiness.

## Rework Control

Tracks and manages rework and rejected items efficiently. Helps reduce defects, reprocessing time, production losses, and overall manufacturing delays through better rework visibility.

## Low Stock Alerts

Automated alerts notify before inventory reaches critical levels. Helps prevent stock-outs, ensures uninterrupted production, and supports better demand forecasting and supply planning.

## Production Dashboard & Reporting

System-generated reports provide real-time insights into production performance. Supports data-driven decision-making, KPI tracking, and reduces manual reporting effort.

# Production Dashboard & Reporting



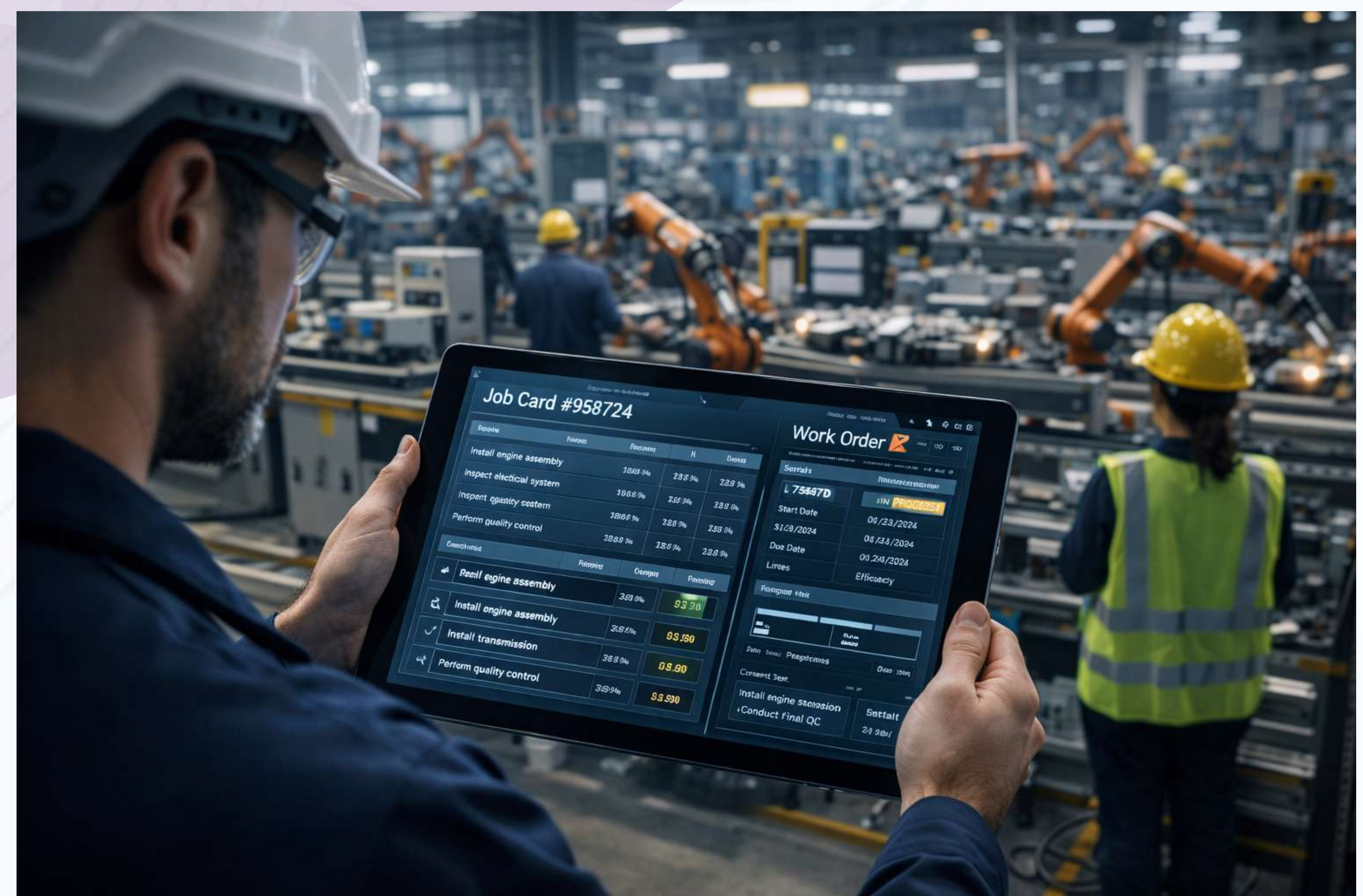
System-generated reports and analytics for complete operational visibility.

- Automated production reports
- Rework and rejection analysis
- Inventory consumption reports
- Data-driven decision support

# Job Card Management

Digitally creates and manages job cards for each production order, ensuring real-time visibility and control.

- Digital job card creation
- Work order tracking
- Operator accountability
- Real-time job status monitoring



# Intelligent Task Assignment for Pick, Put, RM & FG

Automatically assigns raw material picking and put-away tasks based on priority and workload.

- Auto assignment of Pick RM tasks
- Auto Task Assignment Pick, Put, RM & FG
- Balanced workload distribution
- Reduced manual supervision



# Stage-Wise Production Tracking

Tracks production progress at every defined stage to ensure smooth workflow and process control.

- Real-time stage monitoring
- Identify bottlenecks quickly
- Improve production efficiency
- Better process visibility



# Raw Material to Finished Goods Traceability



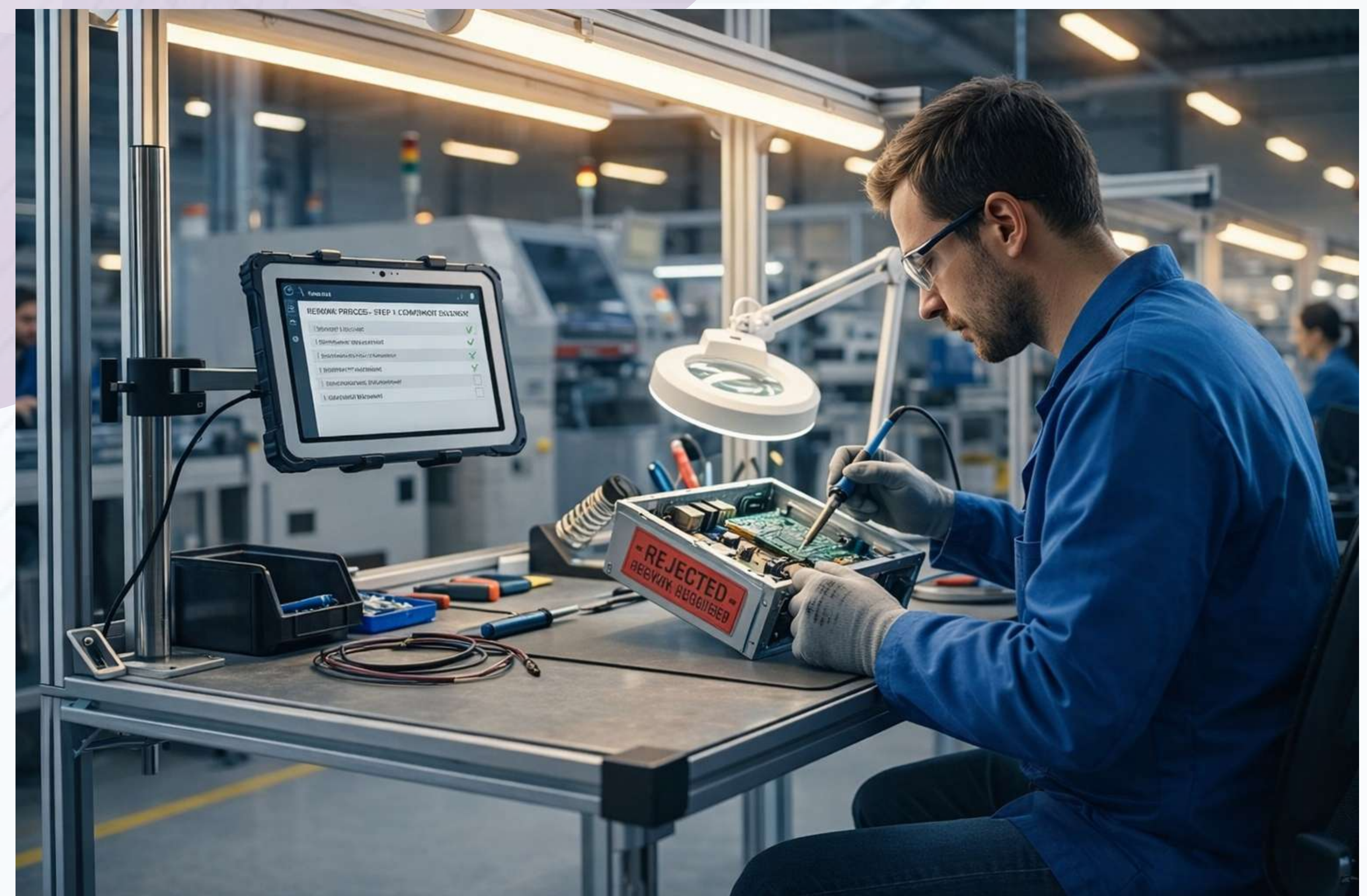
Provides complete traceability across the entire production lifecycle.

- End-to-end material tracking
- Batch and lot traceability
- Production history visibility
- Compliance and quality assurance

# Rework Control

Manages and tracks rejected and reworked materials efficiently to reduce losses and delays.

- Rework job tracking
- Rejection monitoring
- Root cause visibility
- Reduced production losses



# Low Stock Alerts

Automated alerts notify before inventory reaches critical levels.

- Inventory threshold monitoring
- Prevent stock-out situations
- Continuous production support
- Improved demand planning



# Production Dashboard & Reporting

System-generated reports and analytics for complete operational visibility.



- Automated production reports
- Rework and rejection analysis
- Inventory consumption reports
- Data-driven decision support



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# A.I Driven Warehouse Management system



**Our Warehouse Management System digitizes and automates every warehouse operation - from goods receipt to dispatch - delivering complete visibility, accuracy, and control across your supply chain.**

# Key Capabilities

## Inward Management

Streamlined goods receiving with barcode scanning, Picking and packing automation and real-time stock updates upon every material receipt.

## Smart location suggestion

The system recommends the most suitable storage or picking location based on item category, availability, space utilization, and movement frequency.

## Auto Task Assignment

System intelligently assigns tasks, based on priority and workload, Reduces manual task allocation effort, Ensures balanced workload across users

## Barcode-Based Operation

Barcode-based operation fast, accurate scanning through real-time tracking, reduces errors, saves time, and improves overall operational efficiency.

# Key Capabilities

## Pick & Put Material

Order-wise manual picking and packing with clear task instructions, ensuring accuracy and controlled handling of items during fulfillment

## Live Inventory Tracking

Real-time inventory visibility across multiple locations with stock aging reports and complete movement history at your fingertips.

## Low Stock Alerts

Automated alerts notify, before inventory reaches critical level, Helps avoid stock-out situations, Ensures continuous order fulfillment

## Dispatch Planning

Optimize order fulfillment batch dispatch , shipment scheduling, and intelligent

## Email Notifications

Real-time email updates, for key events and exceptions, Keeps stake holders informed instantly, Improves response time and decision making

# Inward Management

**Streamline and digitize your goods receiving process from dock to storage with complete accuracy and traceability.**



- **Barcode-based material receipt –**  
Scan materials at the dock to instantly capture item details and eliminate manual entry errors.
- **Quality check integration –**  
QC workflows ensure incoming materials are verified before being accepted into inventory.
- **Real-time stock –**  
Inventory is updated immediately upon receipt, providing instant visibility.
- **Reduced manual effort –**  
Automated data capture minimizes paperwork and speeds up inward operations.

# Smart Location Management

Optimize warehouse space with intelligent, system-guided location management.



- **Smart location suggestion –**  
The system recommends optimal storage locations based on item size, category, and movement frequency.
- **Dynamic location mapping –**  
Warehouse locations remain updated as inventory moves in real time.
- **Improved space utilization –**  
Inventory is updated immediately upon receipt, providing instant visibility.
- **Faster material retrieval –**  
Optimized placement reduces pick time and travel distance.

# Auto Task Assignment



Improve warehouse efficiency by automatically assigning tasks to the right users at the right time.

- **System-driven task allocation** – Tasks are automatically assigned based on process stage, workload, and priority.
- **Operator accountability** – Clear task ownership ensures responsibility and traceability at every step.
- **Faster task execution** – Eliminates manual task distribution and reduces operational delays.
- **Real-time task status tracking** – Supervisors can monitor task progress live from a centralized dashboard.

# Barcode-Based Operation



**Automate warehouse operations with barcode scanning for speed, accuracy, and real-time tracking.**

- **Accurate scanning –**  
Ensures correct identification and removes manual errors.
- **Fast processing –**  
Speeds up receiving, picking, packing, and dispatch.
- **Real-time tracking –**  
Provides instant inventory updates.
- **Error reduction –**  
Minimizes paperwork and improves efficiency.

# Pick & Put Material

Ensure accurate and controlled material movement with system-guided manual operations.



- **Smart pick & put location suggestion –**  
The system suggests the best pick or put location based on inventory rules.
- **Manual execution with system guidance –**  
Warehouse staff physically pick and place materials, ensuring real-world control.
- **Barcode-based confirmation –**  
Each pick and put action is validated through barcode scanning.
- **Instant inventory update –**  
Stock quantity and location are updated in real time after confirmation.

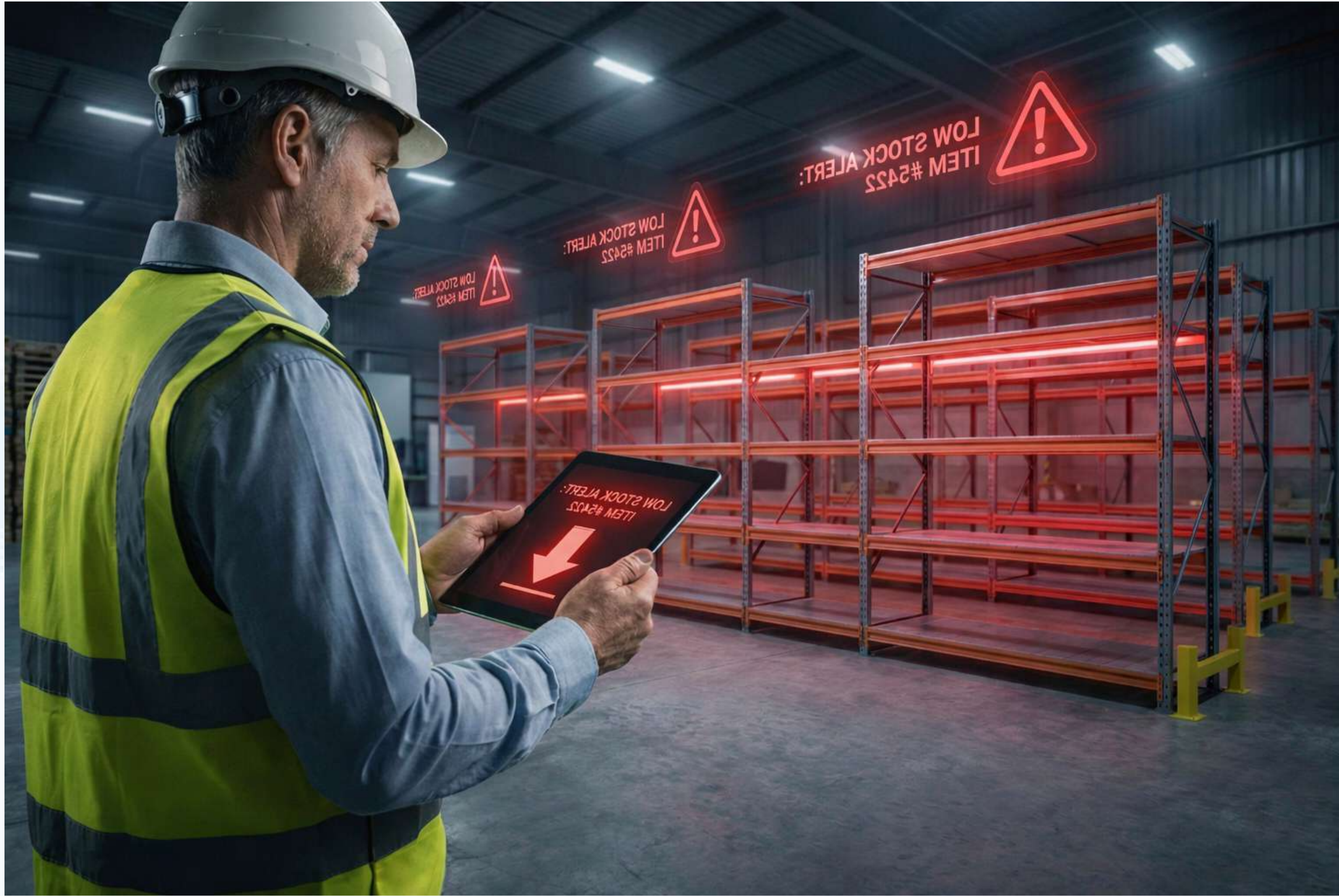
# Live Inventory Tracking



**Maintain complete visibility of your inventory across all warehouse locations.**

- **Real-time stock visibility –**  
View live stock levels, locations, and item status instantly.
- **Multi-location inventory tracking –**  
Manage inventory across multiple warehouses from a single system.
- **Stock aging analysis –**  
Identify slow-moving or aging stock to prevent obsolescence.
- **Complete movement history –**  
Every inventory movement is recorded for audit and compliance.

# Low Stock Alerts



Prevent stock shortages with proactive and automated alerts.

- **Configurable minimum stock levels –**  
Define safety stock thresholds for each item.
- **Automated low stock alerts –**  
Get instant alerts when stock falls below the defined limit.
- **Proactive replenishment planning –**  
Helps avoid production or dispatch delays due to stockouts.
- **Improved inventory control –**  
Ensures optimal stock availability at all times.

# Dispatch Planning

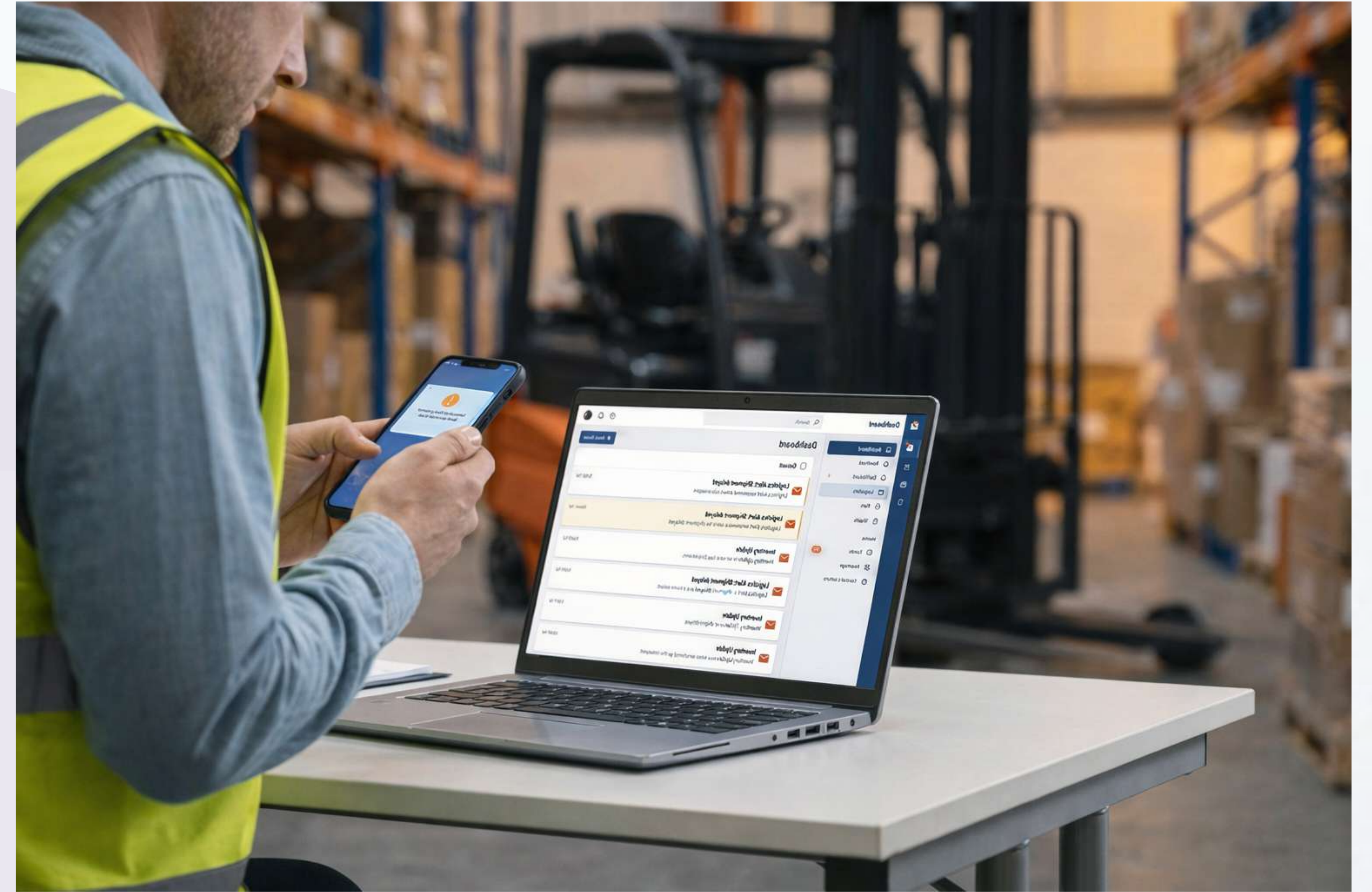


**Optimize order fulfillment and ensure timely and error-free deliveries.**

- **Planned and batch dispatching –**  
Group orders intelligently for efficient outbound processing.
- **Shipment scheduling –**  
Plan dispatches based on priority, carrier availability, and capacity.
- **Barcode-based dispatch validation –**  
Ensure the right material is shipped to the right customer.
- **Real-time dispatch tracking –**  
Monitor shipment status from warehouse exit to delivery confirmation.

# Email Notifications

Stay informed with real-time system-generated email alerts.



- **Automated event-based emails –**  
Notifications triggered for inward, dispatch, low stock, and task updates.
- **Role-based notifications –**  
Relevant updates sent to the right users and stakeholders.
- **Improved communication –**  
Keeps teams aligned without manual follow-ups.
- **Audit-ready communication trail –**  
Email logs provide traceability for critical operations.