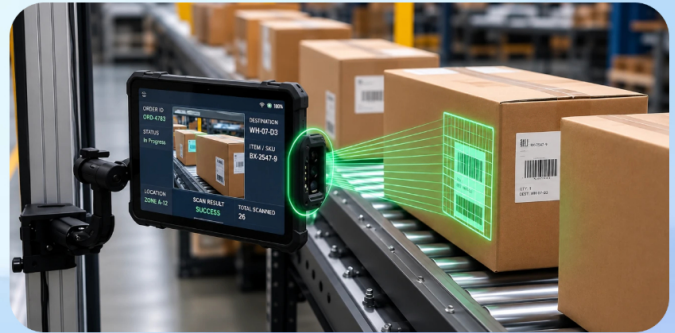


LoadProof Auto-Tagging

Automate Image Capture And Barcode Recognition To Create Complete Product Records In Real Time. Keep Production Moving While LoadProof Handles The Documentation.

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Capture Images, Read Barcodes, and Populate Metadata as Products Move

In high-volume manufacturing and warehouse environments, products move faster than employees can document them. An operator is asked to stop production, pull out a device, photograph each item, scan the barcode, and enter shipment details manually. Even at fifteen seconds per product, across a shift that is hours of work, and every hour adds risk. Manual documentation can leave room for missed captures, data entry errors, and incomplete shipment records.

Automated product documentation removes the operator from the capture loop. LoadProof Auto-Tagging uses mounted cameras positioned at a fixed point on the production line. As products pass through, the system automatically detects each item, captures high-quality images, reads the barcode in real time, extracts the required values, populates the shipment metadata, and uploads everything to the LoadProof Cloud. Keep production moving while every product is captured and documented automatically.

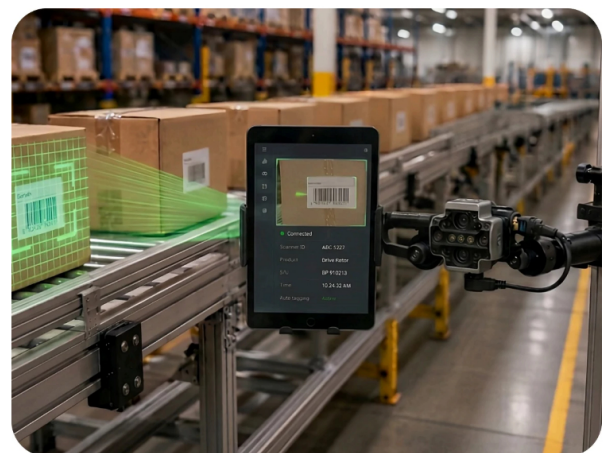
The Problem: Manual Documentation Cannot Keep Up

✓ The Hidden Cost of Manual Documentation

Production lines are designed for continuous throughput. Manual documentation is not. Every time an operator stops to photograph a product and type in data, two things happen: the line slows, and the quality of documentation varies.

✓ Why Manual Data Capture Creates Documentation Gaps

During busy shifts, photos may get missed and barcode scans can get skipped. Metadata gets entered incorrectly because someone is rushing. The result is incomplete shipment records, some products documented, some not, and no way to know which is which until a customer inquiry or quality investigation forces a manual search through partial data.



How Automated Product Documentation Works



1. Hands-Free Product Documentation

A camera is positioned at a fixed point along the production line to automatically capture every product

as it passes. The system detects the product, triggers image capture, and documents it at production speed without requiring operator intervention.



2. Automatic Barcode Detection and Metadata Population

Simultaneously, the system reads the product's barcode. Barcode reading camera production technology extracts serial numbers, product IDs, bundle numbers, and shipment references from the label in real time. The values populate the shipment metadata instantly.



3. Images and Data, Always Connected

The captured image and extracted metadata are linked together and uploaded to the LoadProof Cloud. Each product now has a complete digital record, image plus identifying data, searchable and retrievable by any metadata field. Automatic barcode photo capture means the image and the identifier are never disconnected.

What Changes When Product Documentation Is Automated

Speed becomes a non-issue. The line runs at full throughput. Documentation happens in the background. The gap between product passage and record creation shrinks to milliseconds.

Automation brings consistency to every capture. Products are documented with the same image quality, the same metadata logic, and the same level of accuracy, regardless of who is on the production line.

Accuracy improves because the system reads the barcode directly. So, no wrong product ID assigned to the right image. Production line documentation system logic ensures the data matches the product.

Traceability becomes complete. So, every product has a record, an image, and a metadata. Automated product traceability means when a customer asks about shipment 8472, the documentation exists, not maybe, not "let me check if we captured that one," but definitively.

Built for High-Volume Operations

Product image capture automation is designed for environments where products move continuously: manufacturing facilities, production lines, distribution centers, high-throughput warehouses. The system scales with line speed. Faster production means faster capture, the same mounted camera, the same automated workflow, the same complete records.

What LoadProof Auto-Tagging Delivers

Automatic product detection triggers image capture as products pass the camera point. High-quality image capture runs without interrupting production or requiring operator interaction. Real-time barcode reading extracts product identifiers during capture. Intelligent metadata population fills shipment fields directly from barcode data. Secure cloud upload makes images and metadata immediately available for review. Complete product traceability connects every image with its identifying information in a searchable record.

Talk to Our Solution Expert

Document Every Product Without Slowing Down Production

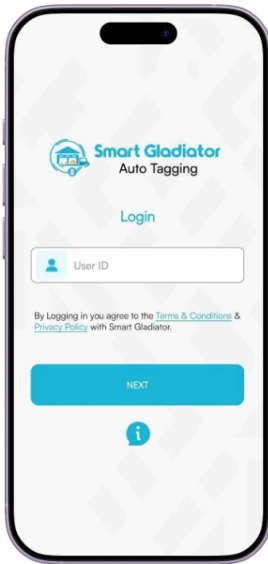
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Every Product Captured Automatically

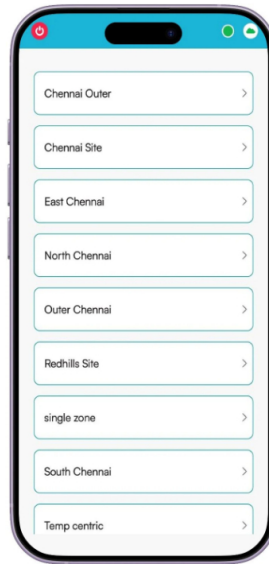
When products move continuously, documentation need not depend on someone taking a photo.

Automatically capture every product, along with its image, barcode, and metadata, as it moves through production, without interrupting the production line.

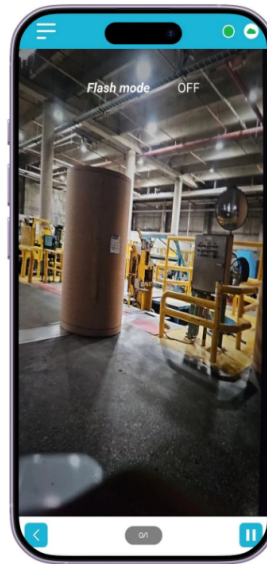
How LoadProof Auto-Tagging Works



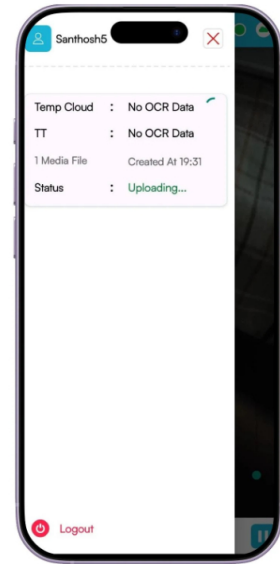
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➤ Select Site



➤ Capture Image and Meta Data



➤ Automatic Image Upload



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