



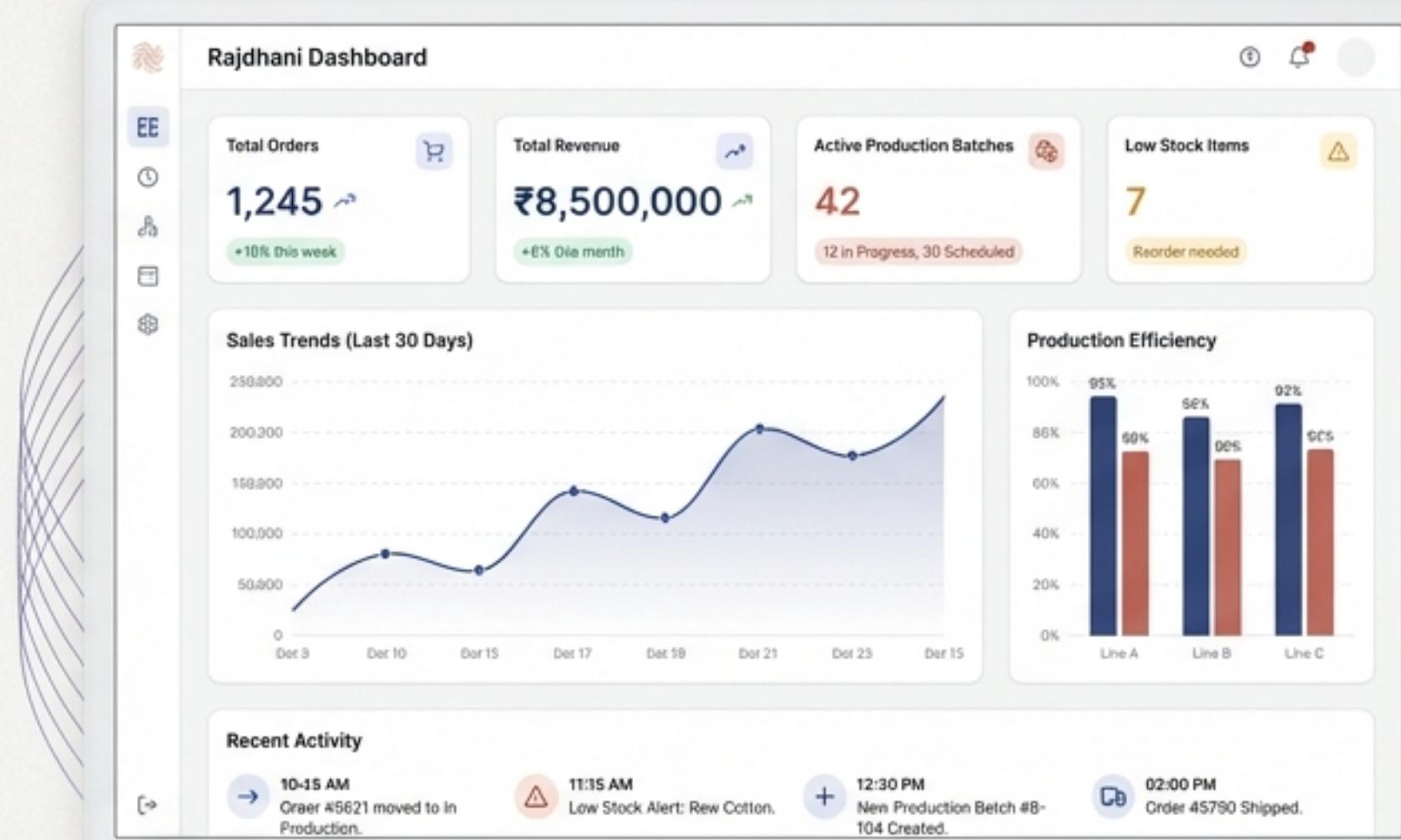
Rajdhani ERP: Weaving Your Entire Operation into One Masterpiece.

The comprehensive ERP solution designed for
the modern carpet manufacturer.

Your Entire Business, Distilled into a Single View.

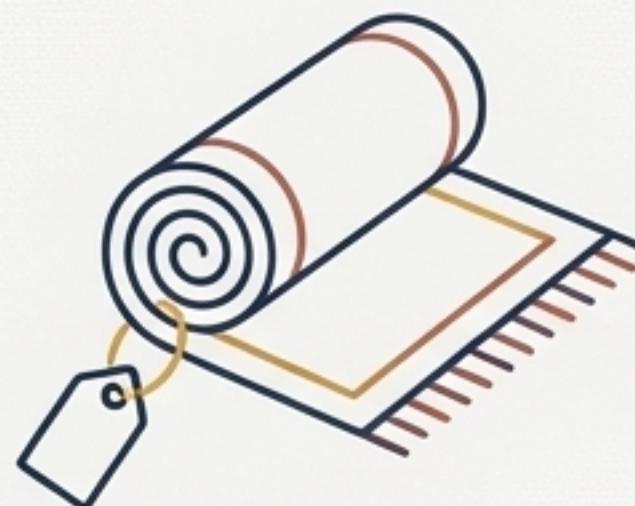
The Rajdhani Dashboard provides a real-time, high-level overview of your entire operation. Instantly grasp key performance metrics and act on automated insights to stay ahead of production demands and market changes.

- Real-time Statistics:** Total products, materials, orders, and revenue at a glance.
- Performance Metrics:** Track production efficiency, order fulfillment, and inventory levels.
- Automated Insights:** Proactive alerts for low stock, pending orders, and production status changes.
- Activity Feed:** A live look at recent activities across every module.



Every Masterpiece Begins with a Perfect Blueprint.

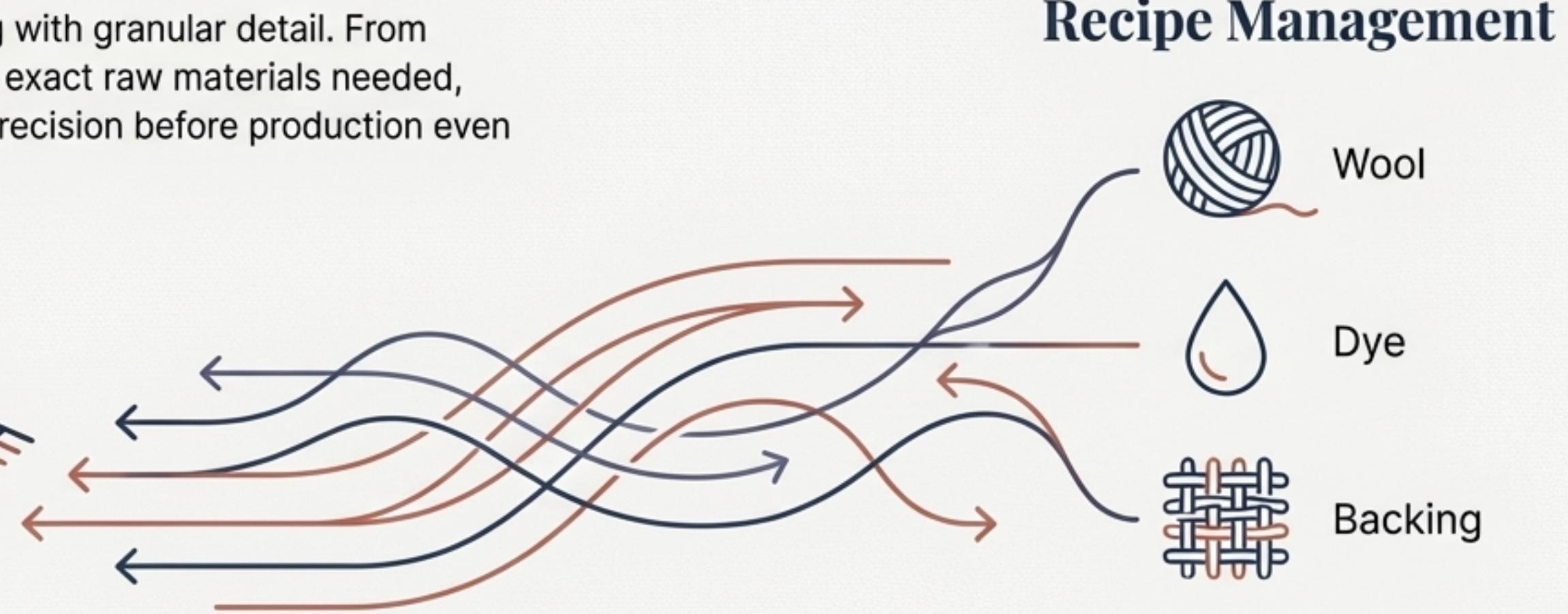
Define every product in your catalog with granular detail. From categories and specifications to the exact raw materials needed, Rajdhani ensures consistency and precision before production even begins.



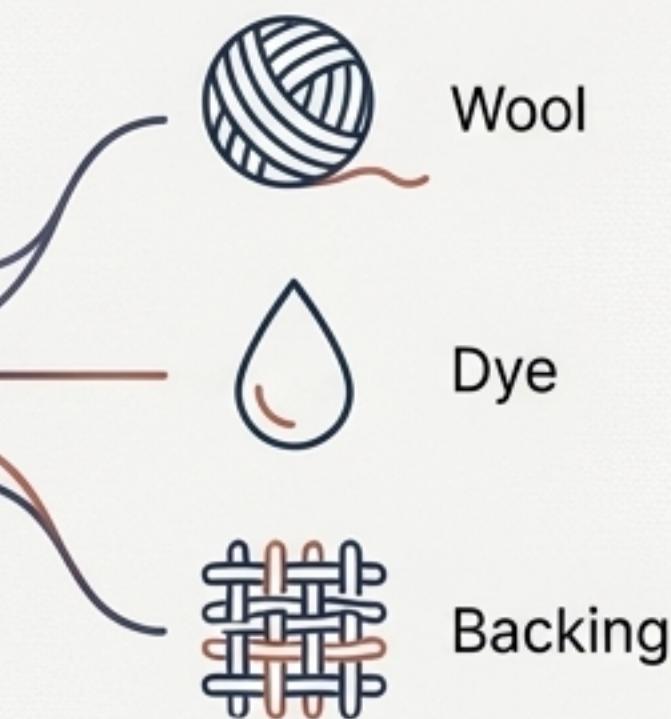
Product Definition

Product Catalog: Manage products with images, dimensions, weight, category, and unit (SQM, pieces).

Dropdown Master: Centrally manage Categories, Subcategories, Colors, and Patterns for consistency.



Recipe Management



Product Recipes: Define the exact raw materials and quantities required to produce each product.

Recipe Calculator: Automatically calculates total material requirements for any production batch quantity.

Sourcing the Finest Threads, with Complete Control.

Manage your entire raw material lifecycle, from supplier management and purchasing to real-time stock monitoring and automated alerts. Eliminate shortages and optimize your inventory value.



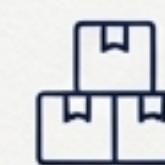
Suppliers Management:

Maintain a complete database of suppliers and track purchase history.



Purchase Orders:

Create, approve, and track POs from pending to delivered.



Raw Materials Management:

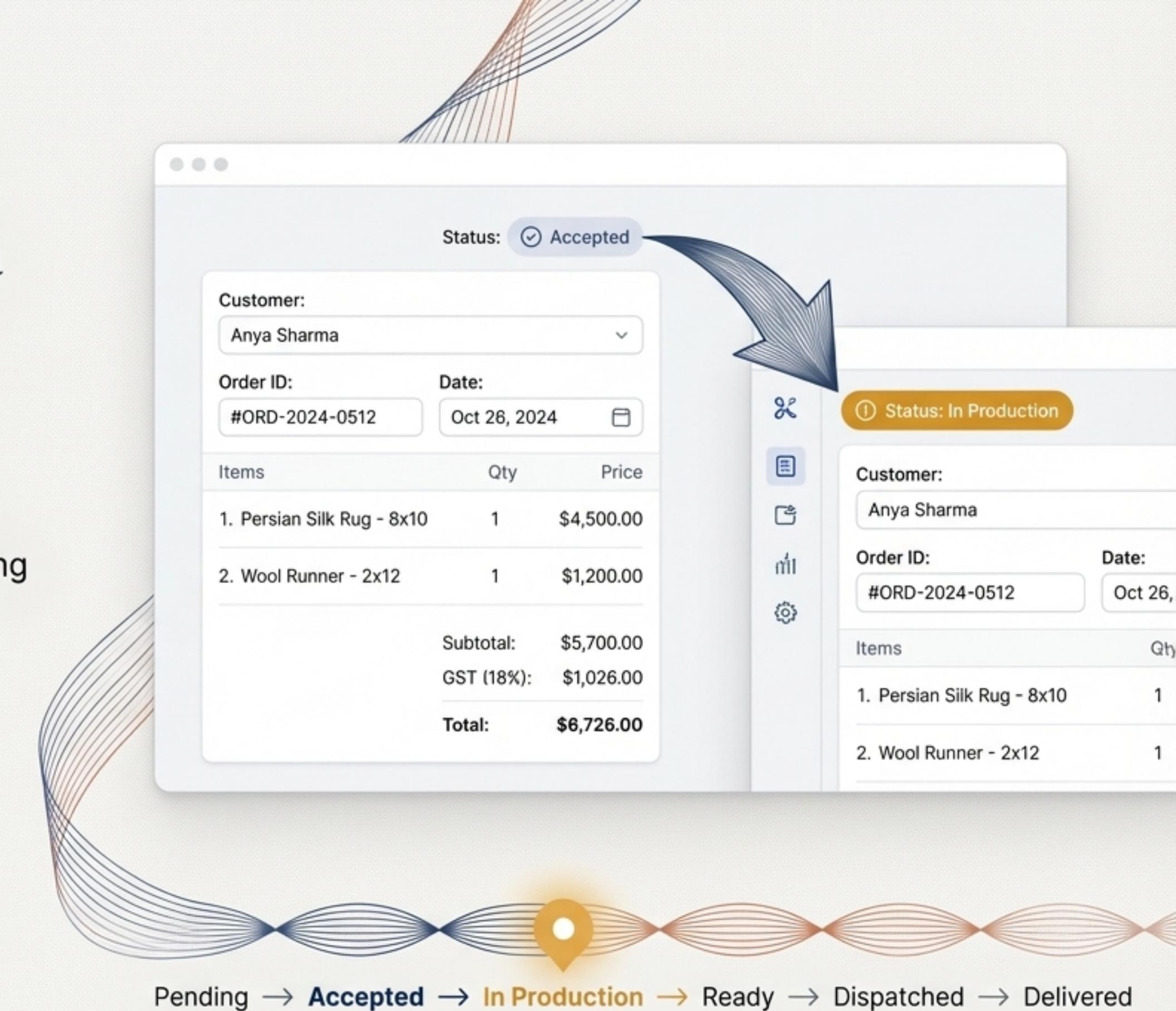
Monitor stock, thresholds, and view complete stock history.

Transforming a Customer Order into a Production Mandate

Capture every detail of customer orders with precision. The system automatically calculates pricing and taxes, then seamlessly links the order to the production queue, initiating the manufacturing process with a single status change.

Order Management Features

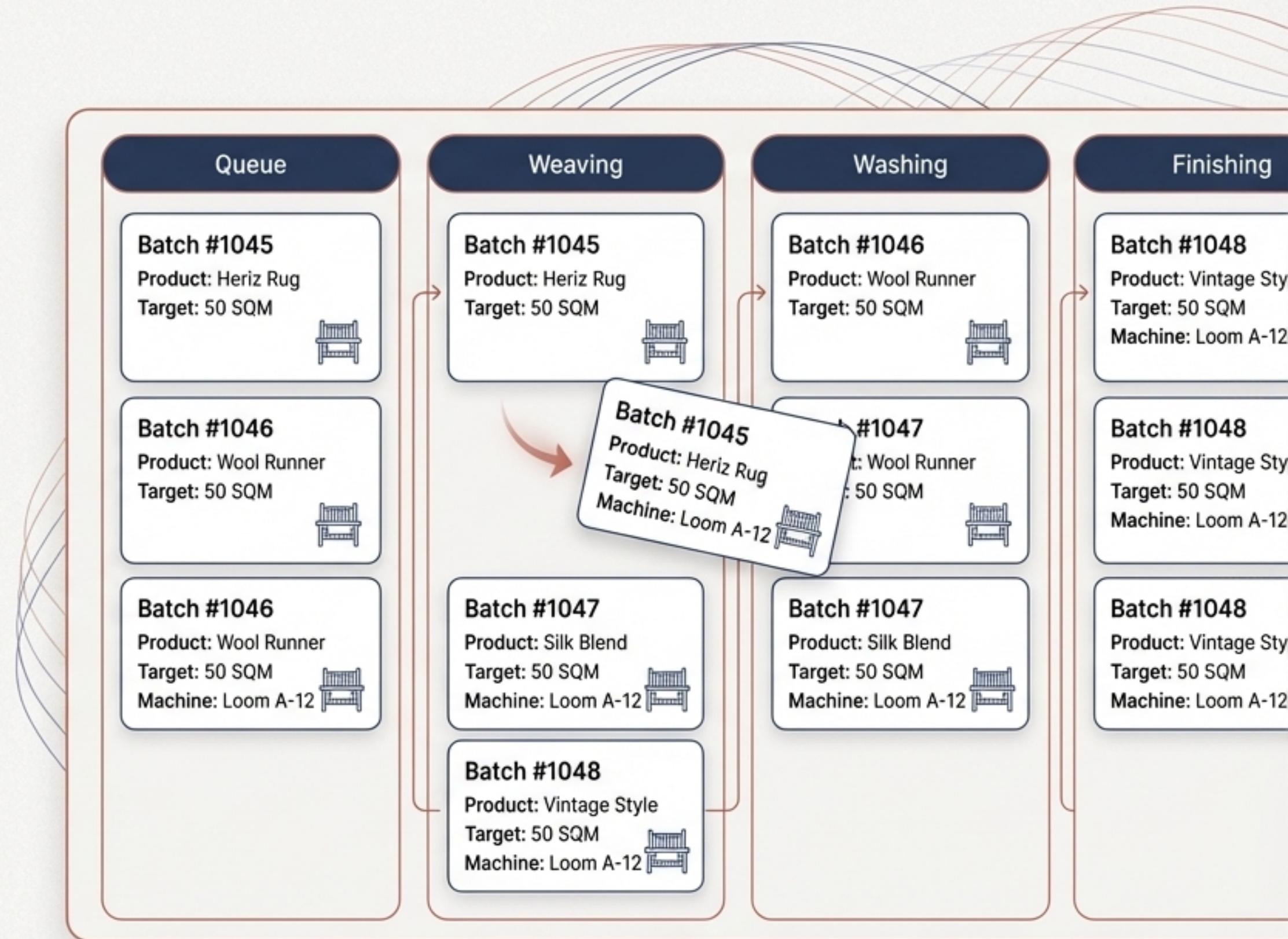
- Create new orders with multiple items and specific pricing.
- Automatic GST calculation and payment tracking (paid vs. outstanding).
- Manage customer database with credit limits and order history.



From Raw Materials to Flawless Execution on the Factory Floor.

Initiate and track production batches from start to finish. Our flexible, multi-step workflow allows you to monitor progress, manage machine assignments, and ensure every batch meets its target quantity and quality standards.

- **Create Production Batch:** Define target quantity based on an order or for stock.
- **Multi-Step Process:** Track the batch through each unique stage of your manufacturing process.
- **Machine Management:** Assign and track the machines used at each step.
- **Real-time Monitoring:** View the status and progress of all active production batches.



Precision in Every Fiber: Automated Consumption and Waste Tracking.

Eliminate manual tracking and guesswork. As a batch moves through production, Rajdhani automatically deducts raw materials from inventory based on your pre-defined recipes. All waste is recorded, giving you a true picture of production efficiency and cost.

Production Batch #1045 Summary

| Materials Consumed | | | Waste Generated | | |
|--------------------|------------|-----------------|-----------------|----------|-----------|
| Material | Recipe Qty | Actual Consumed | Waste Type | Quantity | Step |
| Indigo Wool Yarn | 120 kg | 122kg ↑ | Yarn Scraps | 2.5 kg | Weaving |
| Cotton Backing | 45 m | 45m ✓ | Dye Runoff | 0.8 L | Weaving |
| Terracotta Dye | 15 L | 14.8L ↓ | Trimmings | 1.2 kg | Finishing |



Automatic Material Consumption



Step-wise Consumption



Waste Generation



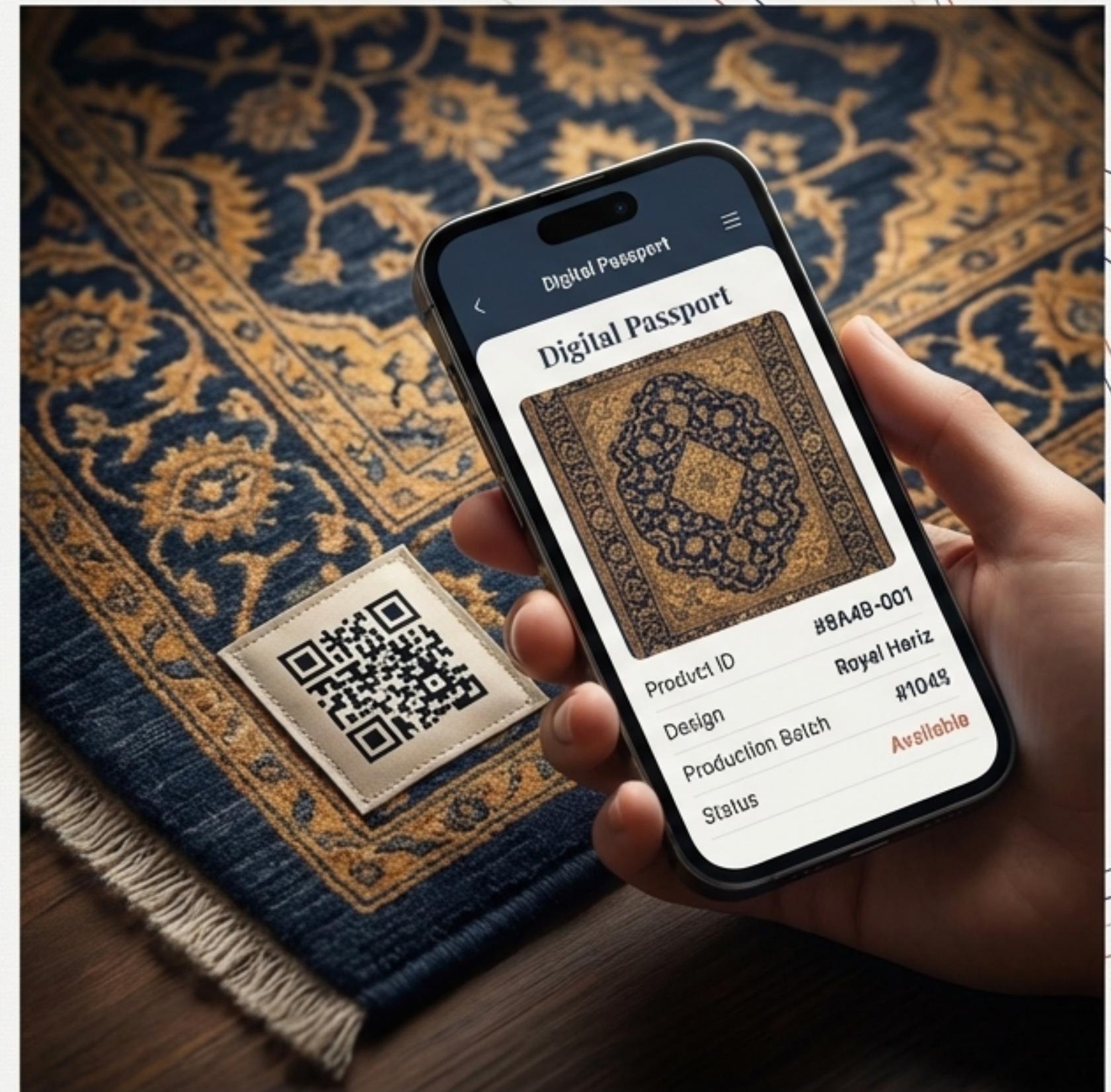
Batch Consumption Summary

The Mark of a Masterpiece: A Unique Identity for Every Carpet.

Upon production completion, each carpet is given a unique identity. A system-generated QR code is its digital passport, unlocking its entire history—from production details to sales and service—with a simple scan.

Individual Product Tracking Lifecycle

- **QR Code Generation:** A unique QR code is created for each finished item.
- **Product History:** A scan reveals its production batch, materials used, and quality checks.
- **Status Tracking:** Follow its status from **Available** → **Reserved** → **Sold**.
- **Defect Management:** Record, track, and manage fixes for any defects on a specific item.



A Perfected Inventory, Ready for Its Home.

Your finished goods inventory is no longer just a number. It's a dynamic catalog of unique, traceable products. Instantly see stock levels, manage product statuses, and access the history of any specific item.

Finished Goods Inventory

Search Products... Category Status Size

Kashan Silk Rug - #8A4B-002
Dimensions: 8x12 ft Available

Tabriz Medallion Rug - #8A4B-003
Dimensions: 8x10 ft Reserved

Heriz Geometric Rug - #8A4B-004
Dimensions: 10x14 ft Sold

Isfahan Royal Rug - #8A4B-005
Dimensions: 6x8 ft Defective

Bijar Patterned Rug - #8A4B-006
Dimensions: 8x12 ft Available

Gabbeh Abstract Rug - #8A4B-007
Dimensions: 8x10 ft Reserved



Real-time Stock Levels: View accurate counts for every product variant.



Stock History: Complete audit trail of every movement for finished goods.



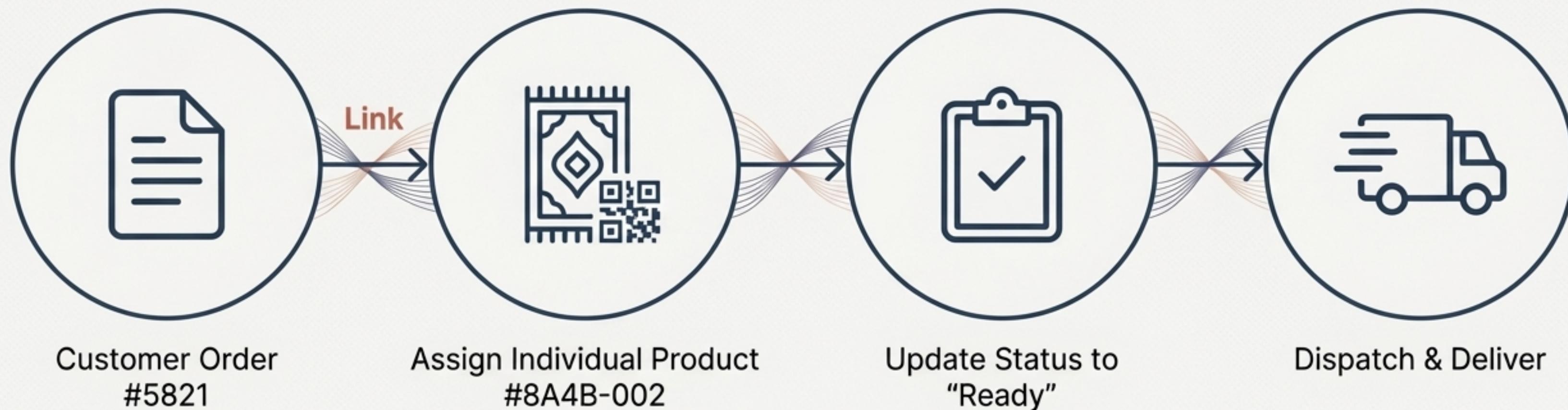
Individual Product Status: Each item is tracked with a clear status: Available, Reserved, Sold, Defective.



Search & Filter: Quickly find specific products in inventory by any attribute.

Fulfilling the Promise: From Your Warehouse to Their Living Room

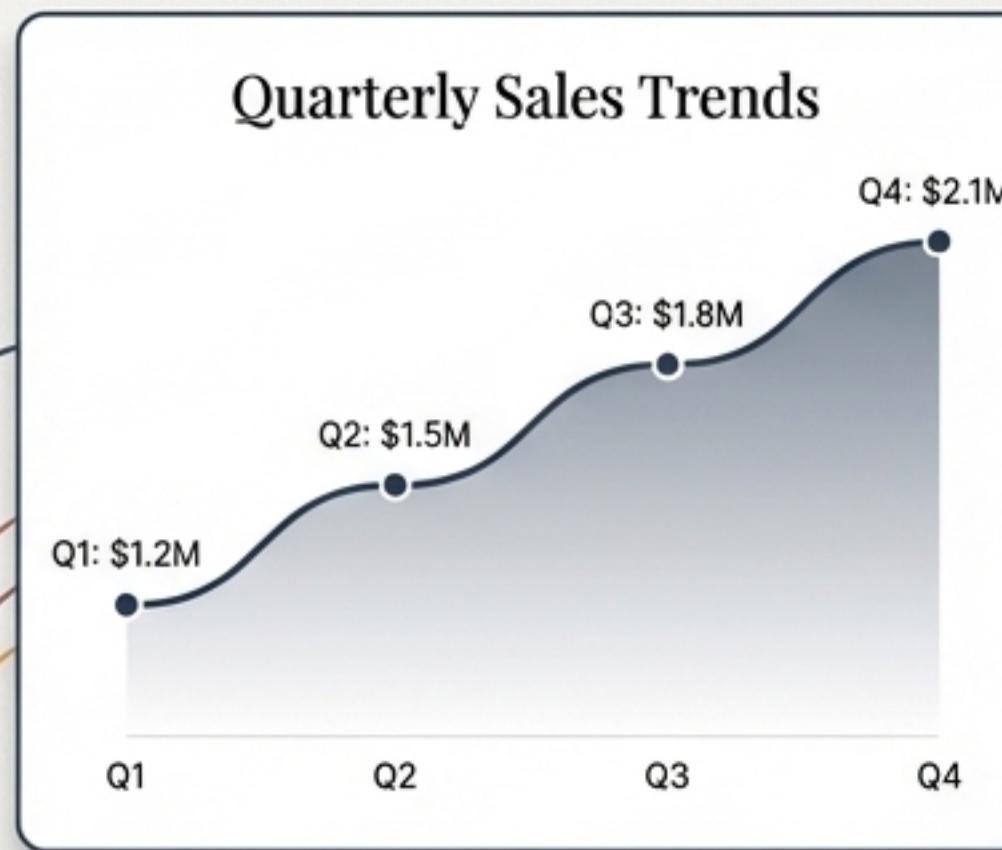
Link specific, QR-coded products from your inventory directly to items on a customer's order. This guarantees the right product is shipped every time. Track the order through its final stages for complete fulfillment visibility.



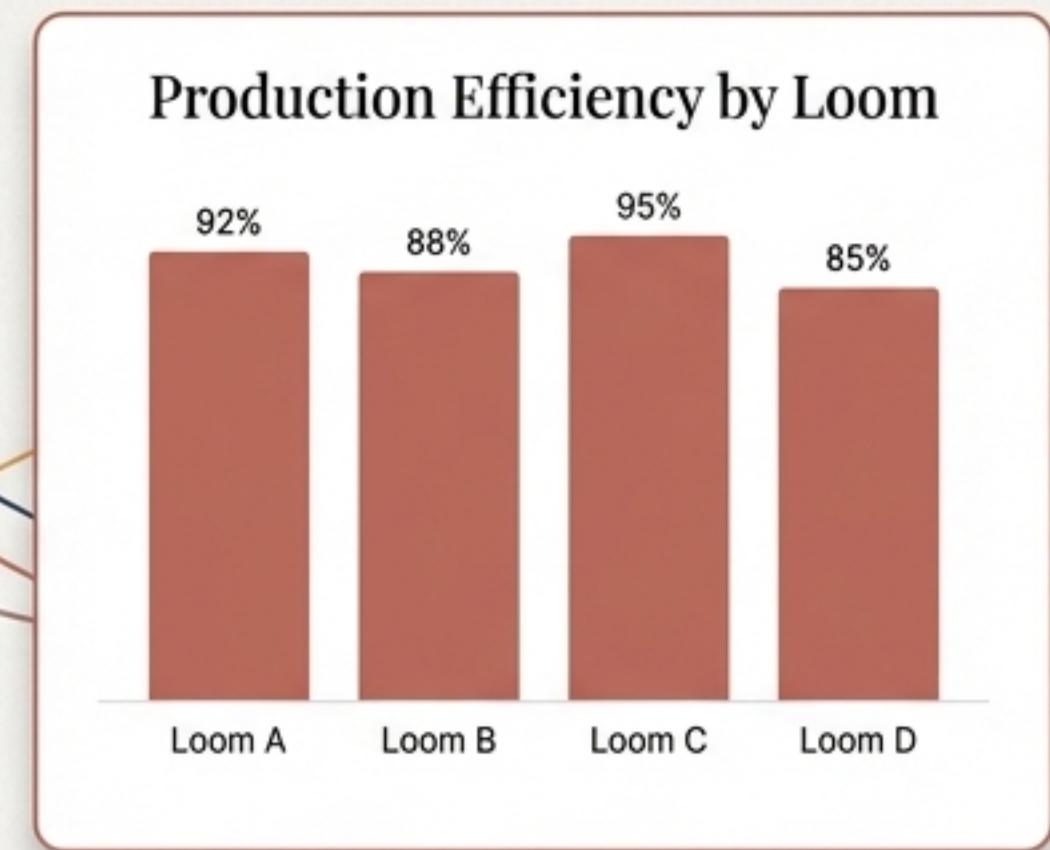
- Assign Individual Product**: Scan or select the unique QR-coded product to fulfill an order item.
- Update Order Status**: Move the order from **In Production** → **Ready**.
- Dispatch & Deliver**: Track the final stages: **Dispatched** → **Delivered**.
- Manage Payments**: Settle final payments against the completed order.

From a Single Thread to the Entire Tapestry of Your Business

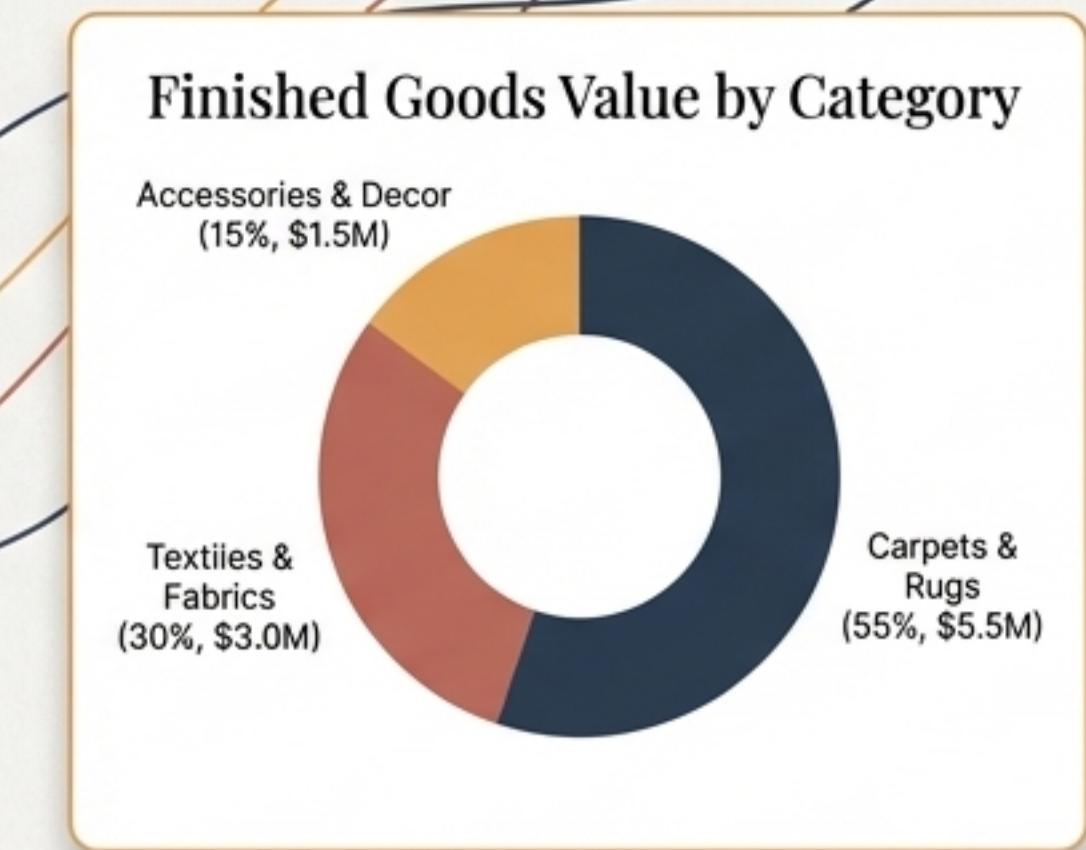
Every action in Rajdhani feeds into a powerful analytics engine. Move beyond daily operations and gain strategic insights into sales trends, production bottlenecks, and inventory performance to make smarter, data-driven decisions.



Analyze revenue, track sales performance by product or customer, and monitor trends.



Deep-dive into production efficiency, output, cycle times, and waste generation.



Monitor stock levels, turnover rates, and the value of raw material and finished goods.

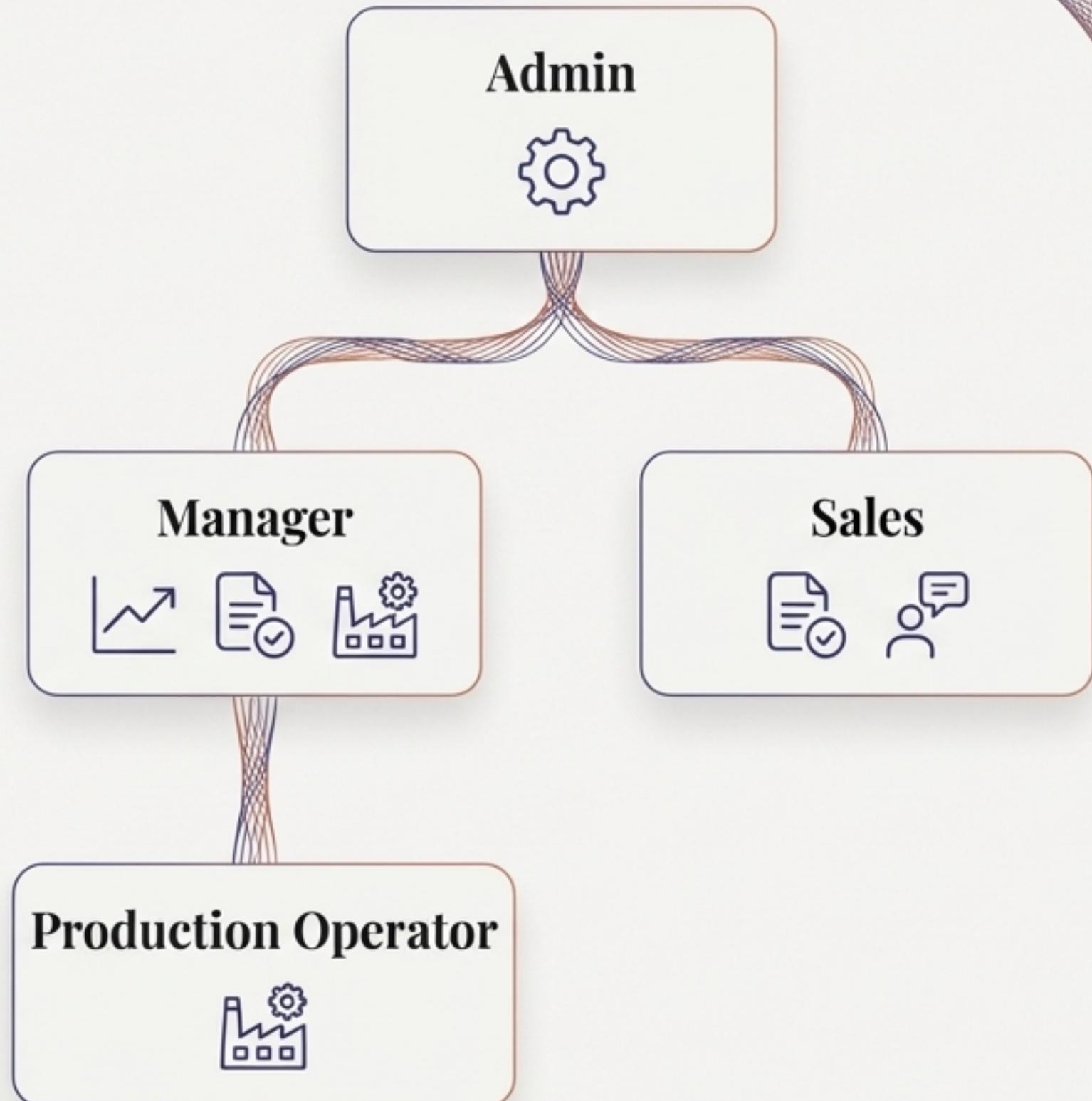
 **Financial Reports:** View revenue summaries, outstanding payments, and key financial metrics.

Empowering Your Team with Precision Control.

Rajdhani is built on a robust security framework that ensures the right people have the right access. Define custom roles and assign granular permissions for every page and action, creating a secure environment tailored to your operational structure.

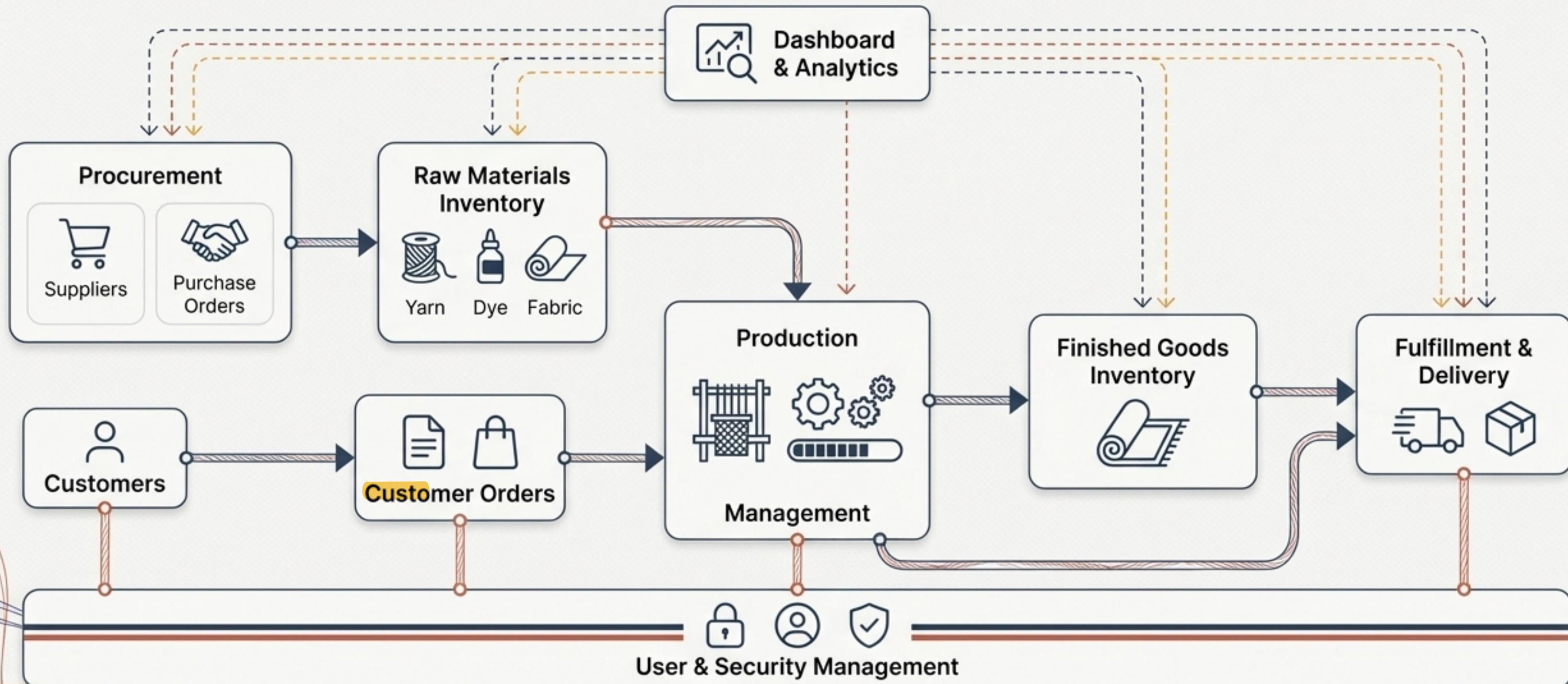
Security & User Management Framework

- User Management:** Create accounts for all staff, from operators to administrators.
- Role Management:** Define custom roles like 'Admin', 'Manager', 'Production Operator', 'Sales'.
- Permission Management:** Assign specific permissions to each role for both pages ('View Orders') and actions ('Create', 'Edit', 'Delete').
- Secure Authentication:** Protected by token-based authentication (JWT) and role-based access control.



A Single, Woven System for End-to-End Control

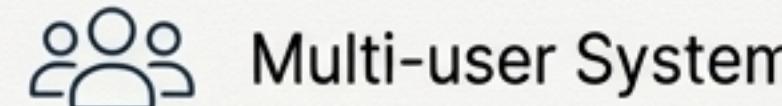
Rajdhani ERP is more than a collection of modules; it is a fully integrated ecosystem where data flows seamlessly from one stage to the next. This unified approach eliminates data silos, reduces errors, and provides a single source of truth for your entire business.



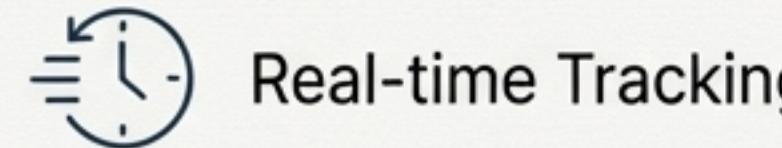
System Capabilities at a Glance

A robust platform built for performance, scalability, and ease of use.

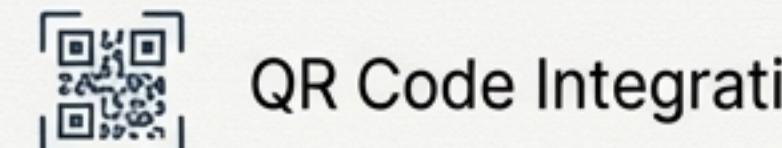
Core Functionality



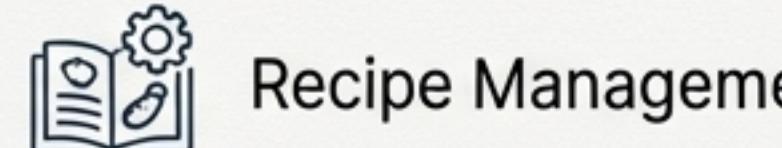
Multi-user System



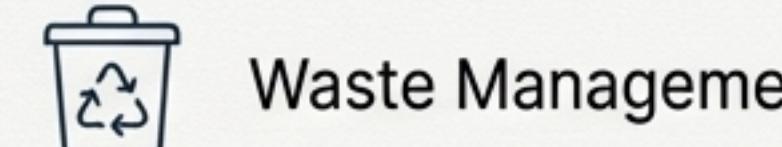
Real-time Tracking



QR Code Integration



Recipe Management



Waste Management

Automation & Data



Automated Calculations
(GST, Materials)



Comprehensive
Reporting



Real-time Notifications



Data Export Capabilities



Full Audit Trails

Platform & Technology



Responsive Design
(Desktop, Mobile)



Role-based Security



Cloudflare R2 Image
Storage



Search & Filter
Functionality



Graceful Error Handling

One System. One Source of Truth. One Masterpiece.

Rajdhani ERP transforms operational complexity into competitive clarity. By weaving every aspect of your business—from the first thread of raw material to the final customer delivery—into a single, intelligent platform, we empower you to create your finest work.

