



From Pen-and-Paper to

Custom

Manufacturing Apps

Manufacturing

Purchasing & Inventory

Finance

Human Resources



Table of Contents

Preface	03
Purchasing & Inventory	04
Manufacturing	05
Sales Order Processing	06
Finance	07
Maintenance	09
Human Resources	10



Preface:

In manufacturing, companies have long relied on traditional pen-and-paper methods and sometimes outdated legacy systems. While these methods and techniques have served their purpose, they often leave critical process gaps and hinder innovation. Closing these gaps and replacing legacy systems is crucial for a seamless internal operation.

With Kissflow, you can bridge these gaps and seamlessly transition from pen and paper to digital processes and replace those legacy systems, making everything run smoothly and efficiently in the modern age.

In this guide, we present a curated list of custom apps that can be designed specifically for manufacturing companies. From optimizing production processes to efficiently managing assets, these applications offer tailored solutions that enhance productivity and innovation without compromising faster time-to-market.

Explore this collection of custom apps and discover how they can transform your operations in the manufacturing industry.

Purchasing & Inventory

Vendor Onboarding

Manage supplier information, including contact details, pricing agreements, lead times, and performance history. Facilitate efficient communication with suppliers and enable evaluation and selection of reliable vendors.

Transportation Management

Design workflows for shipment planning, route optimization, tracking updates, and integrate it with your ERP system seamlessly.

Material Requirement Planning

Integrate with production planning systems to generate material requirements based on production schedules. Automate the creation of purchase orders or internal material transfers to ensure timely availability of materials for production.

Order Management

Automate the creation, tracking, and management of purchase orders. Allow users to generate and send purchase orders to suppliers, track order status, and manage order revisions and cancellations.

Manufacturing

Material Replenishment

Automate the material replenishment process, including stock monitoring, automated reorder point calculations, generating purchase requisitions or production orders, and triggering notifications to suppliers or internal departments for material restocking.

Change Management

Automate the change management process for product revisions, process improvements, or engineering changes. Include steps such as change request submission, review and approval, impact analysis, implementation planning, and communication to stakeholders.

Inventory Management

Integrate with inventory systems, enabling effective tracking of replacement parts and ensuring availability for warranty repairs or replacements. It helps manufacturers manage inventory levels, order parts as needed, and streamline the fulfillment process.

Production Reporting

Automate the collection and reporting of production data. Capture real-time data from manufacturing systems, analyze production metrics, generate reports or dashboards, and share them with relevant stakeholders for performance monitoring and decision-making.

Sales Order Processing

ASN

Generate an ASN document that contains detailed information about the shipment. This typically includes the purchase order number, shipment date, carrier information, item details (SKU, quantity, and descriptions), packaging details, and any additional information required by the trading partner or customer.

Export Control & Documentation

Implement an automated screening system that checks the product, destination, end-user, and identify any potential export compliance risks associated with the transaction. Generate the necessary export documentation, such as commercial invoices, packing lists, bill of lading, and export declarations.

Customer Returns & Complaints

Enable customers submit their return or complaint requests through various channels, such as online forms, emails, or customer service portals. Assign tickets to relevant team, generate unique case number, trigger an automated customer feedback survey, and send out acknowledgement emails.

Warranty Management

Allow customers to register and claim their product warranties digitally. Compare the claim details against warranty terms, product information, and customer records to ensure the claim is valid on a single interface. Generate reports on warranty claims, including metrics such as claim volumes, resolution times, cost analysis, and customer satisfaction.

Finance

Credit Check

Automate the credit evaluation process based on predefined rules and criteria. It analyzes the credit information retrieved from external sources and applies internal credit policies to determine the creditworthiness of customers.

Budgeting

Automate repetitive tasks, such as data entry, consolidation, and calculations. Integrate with accounting and enterprise resource planning (ERP) systems to automatically pull financial data, such as historical sales, expenses, and inventory information.

Order to Cash Workflow

Automate the order processing and revenue collection process. It encompasses steps such as order entry, credit check, order fulfillment, invoicing, payment receipt, and revenue recognition.

Fixed Asset Management

Automate the tracking and management of fixed assets throughout their lifecycle. It includes steps such as asset acquisition, depreciation calculation, maintenance scheduling, disposal, and asset retirement. Automation ensures accurate recording of asset details, depreciation calculations, and provides visibility into asset status and valuation.

Expense Management

Automate the employee expense reimbursement process. Capture expense data electronically, validate expense claims against company policies, and automate approval routing. Simplify expense submission, reduces processing time, and ensures compliance with expense policies.

LC & Bill of Guarantee

Verify documents, check compliance, and automatically generate the LC or Bill of Guarantee document based on the provided information post approval from relevant stakeholders. Automate the amendment request, review, and approval steps, ensuring proper documentation and compliance.



Maintenance

Maintenance Request Process

Enable employees or equipment operators to submit maintenance requests electronically via a web portal or mobile app. Automatically validate the maintenance request, checking for completeness and accuracy. Verify equipment identification, ensure all required fields are completed, and perform basic validation checks.

Quality Control

Define inspection criteria, capturing inspection data electronically, triggering alerts for non-conforming products, and routing them for further analysis or corrective action.

Periodic Maintenance

Automate the maintenance and servicing of manufacturing equipment. Schedule preventive maintenance tasks, track equipment performance, capture maintenance history, and generate work orders for maintenance personnel.

Integrate with CRM and ERP

Integrates with customer relationship management (CRM) and enterprise resource planning (ERP) systems, ensuring seamless data flow and a 360-degree view of customer information.

Repair and Maintenance

Manage the entire repair and replacement process for warranty claims. It tracks the status of each claim, schedules repairs or replacements, assigns tasks to technicians, and provides real-time visibility into the progress of each case.

Human Resources

Employee Onboarding

Create and manage digital documents, and enable self-service for new hires to complete onboarding work. Integrate with HR systems, such as payroll and benefits platforms, to ensure data accuracy across systems.

Employee Offboarding

Build workflows and checklists to guide HR and managers through the process of employee departures. Collect feedback through exit interviews and surveys to gain insights into the reasons for employee departures.

Timesheet Management

Easily track hours worked, overtime, and paid time off. Automatically calculate time-based wages and generate detailed reports for efficient payroll processing.

Performance Management

Automate goal setting, performance appraisals and feedback processes to ensure timely completion by relevant stakeholders.



4,000

Users

\$300 million

Revenue

Kenya

Headquarters

450+

Processes

2,500+

Items Processed

10X

ROI



“The Kissflow team met our expectations and helped make the transition smooth. The support personnel has been very helpful and always available when needed to help us to fix issues.”



Nicholas Githinji

Project Manager



Got a specific project in mind?

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