Note: Screenshots are for illustrative purposes only. The software interface is fully available in English.

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POST-HARVEST: QUALITY AND TRACEABILITY FROM PACKING TO THE FINAL CUSTOMER

Optimize **warehouse**, **packing**, and **logistics** operations with **real-time information** that ensures **efficiency**, **compliance**, **and full traceability** throughout the supply chain.

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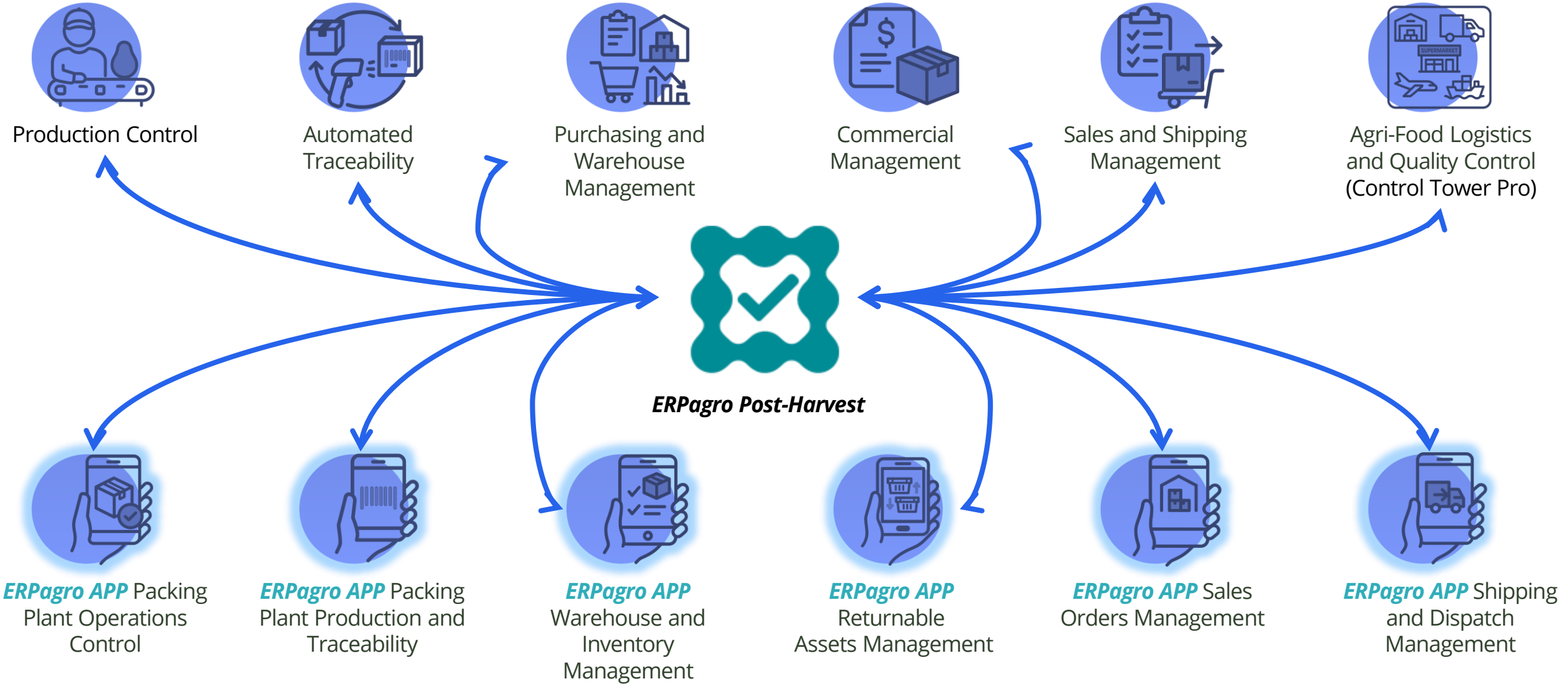
Turning every shipment into a guarantee of freshness, quality, and customer trust.

ERPagro Modules and Apps | Post-Harvest - Packing

Integrated solutions that optimize **packing operations** and plant production, ensuring full control of **traceability, inventories, warehouses, sales,** and **logistics.** All seamlessly connected to **business management** for maximum efficiency.



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Production Control

Objective: Plan and control production in real time, optimize resources, reduce losses, and ensure traceability from raw materials to finished products.

Production managers, plant chiefs, line supervisors, quality managers, and operations managers.

Comprehensive Administration: Configurable activities, sections, and production lines.

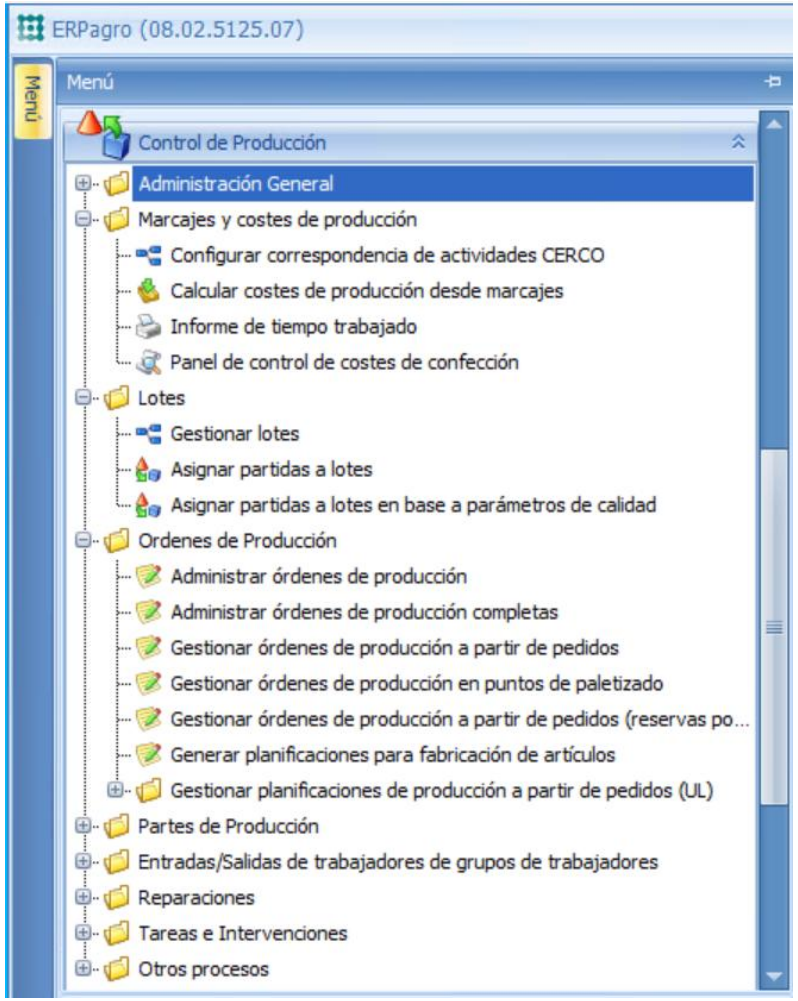
Production Orders: Creation, management, and monitoring of full or partial production orders.

Production Parts: Mass or individual registration of consumption, yields, and working times.

Production Costs: Automatic allocation of direct and indirect costs by batch, worker, or activity.

Batch Management: Assignment and traceability of batches with quality and yield criteria.

Plant Integration: Management of palletizing, picking, dispatches, and inventory regularization.



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Automated Traceability

Objective: Ensure comprehensive and transparent traceability of every agricultural product, in compliance with national and international regulations, while building trust with clients, auditors, and export markets.

Agricultural technicians, packing and logistics managers, quality and certification departments, auditors, commercial management, and company directors.

Comprehensive Record:
Every task, input, batch, or movement is digitally linked to the final product.

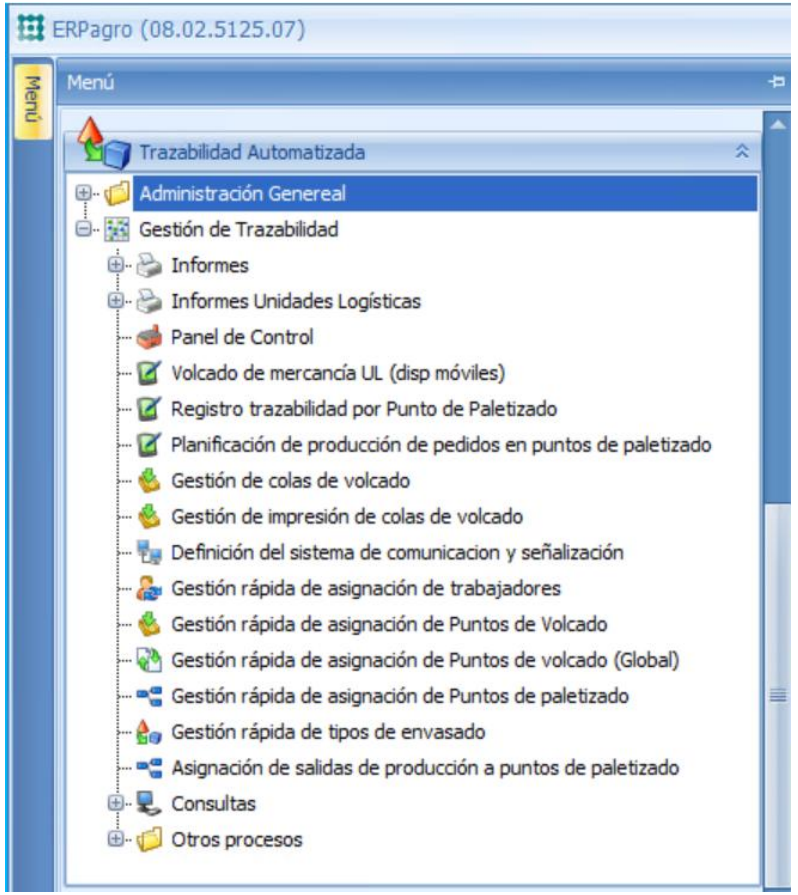
Smart Labeling:
Identification through batch codes, QR, or RFID.

Digital Evidence:
Photos, signatures, and documents support each stage of the process.

Integration with Key Modules:
Quality, in-plant production, commercialization, and finance.

Traceability Reports:
Visualization by plot, batch, client, campaign, or market.

Non-Compliance Alerts:
Early detection of deviations within the supply chain.



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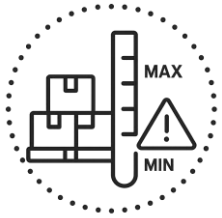
Purchasing and Warehouse Management

Objective: Ensure material availability, reduce losses, and guarantee that costs remain aligned with production and operational needs.

Purchasing managers, warehouse supervisors, logistics coordinators, and finance and cost controllers.

Integrated Purchasing:
Management of purchase requests, orders, and supplier-linked purchase workflows with full cost tracking.

Inventory Management:
Physical counts, stock adjustments, and automatic reconciliation of inventory balances.

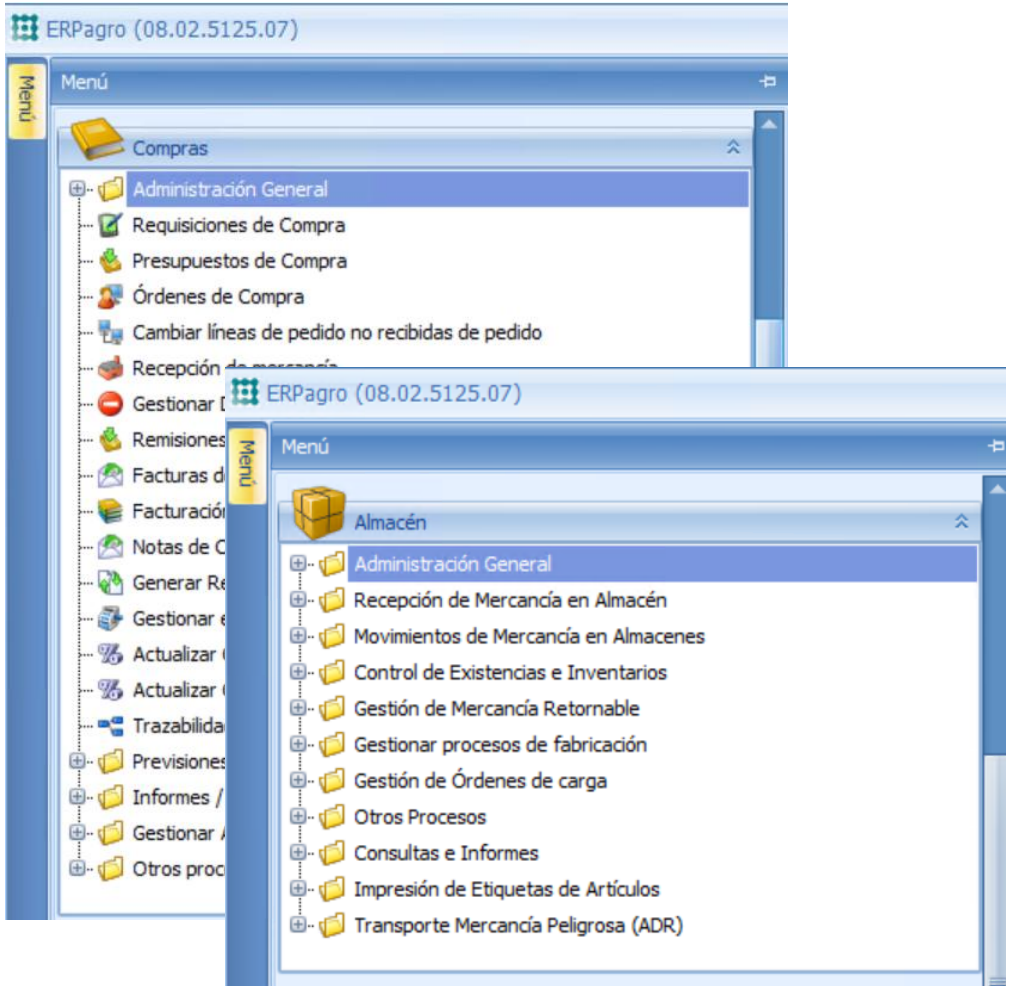


Stock Alerts:
Minimum and maximum stock notifications to prevent shortages or overstock situations.

Warehouse Control:
Recording of goods receipts, dispatches, transfers, and returns.

Batch and Location Management:
Traceability of inputs by batch, physical location, and expiration date.

Linked Costs:
Direct integration with production and accounting control.



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Commercial Management

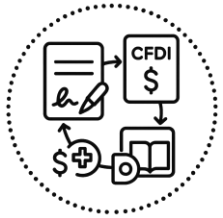
Objective: Centralize and control all commercial operations, ensuring contract compliance and complete traceability of each transaction.

Commercial managers, sales administration staff, account executives, and senior management.

Contract Management: Registration, monitoring, and control of sales and purchase agreements by client, product, or campaign.

Pricing and Conditions Management: Definition of rates, discounts, bonuses, and special conditions.

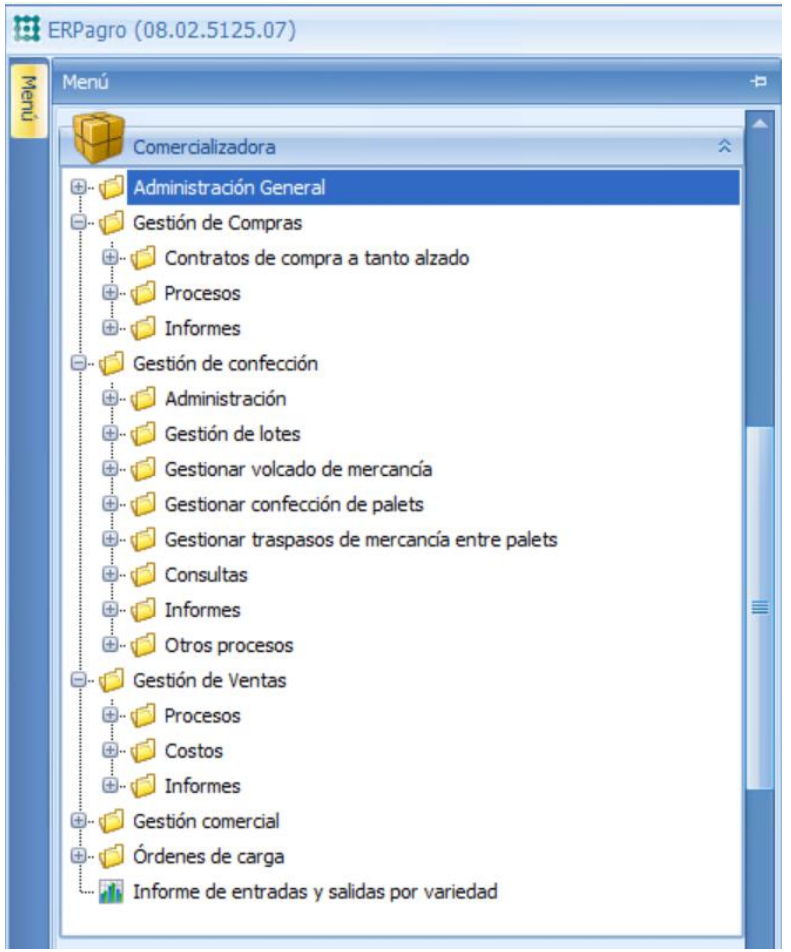
Linked Order Control: Automatic relationship between sales commitments and sales orders.



Contract-Linked Invoicing: Direct integration with Electronic Invoicing / e-Invoicing, finance, and accounting modules.

Commercial Traceability: Connection between contract, order, delivery, and invoicing.

Customer Management: Integrated customer database, purchase history, and agreed conditions.



Sales and Shipping Management

Objective: Optimize order management, ensure on-time deliveries, and automate the documentation process associated with each shipment.

Sales directors, sales and logistics managers, administration and billing departments.

Comprehensive Order Management: Recording, tracking, and monitoring sales orders fully integrated with the ERP system.

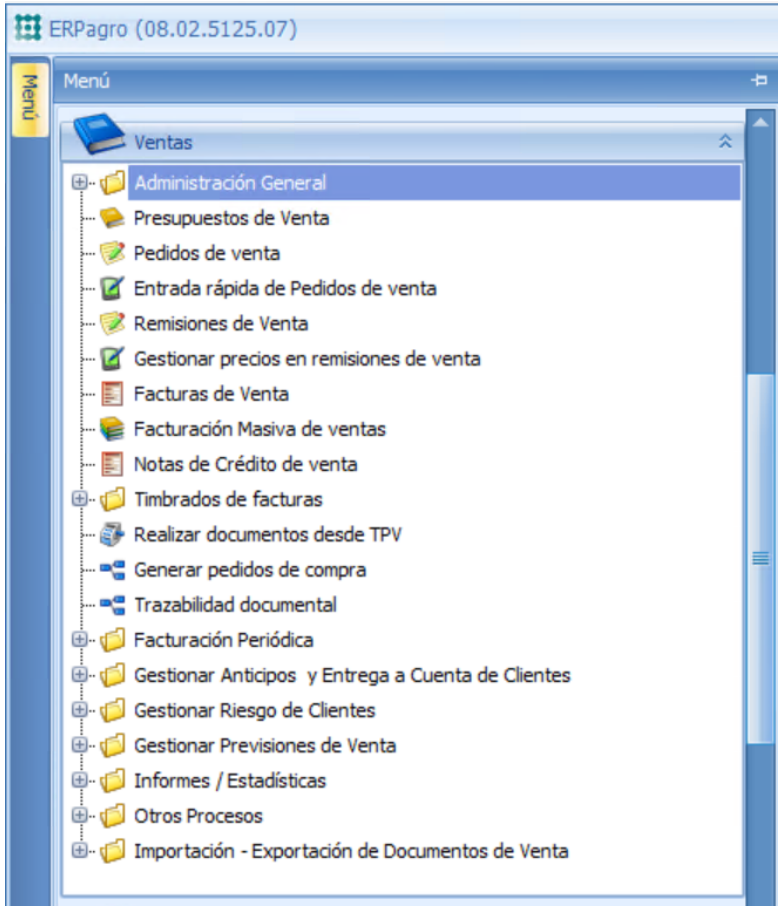
Organized Shipments: Scheduling of loads and deliveries with vehicle and carrier assignment.

Automated Documentation: Generation of manifests, load orders, and shipping documents.

Electronic Invoicing: Issuance and validation of digital invoices directly linked to sales orders.

Document Traceability: Connection between order, shipment, delivery, and invoice.

Logistics Optimization: Reduction of shipping errors, better transport utilization, and improved time control.



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Agri-Food Logistics and Quality Control (Control Tower Pro)

Objective: Optimize agricultural logistics by reducing time, costs, and incidents, ensuring every shipment meets quality standards and arrives on time at its destination.

Logistics and transportation managers, operations management, commercial departments, and executive directors.

Shipment Tracking:
Real-time location and traceability of pallets, batches, and shipments in transit.

Route Management:
Monitoring routes, delivery times, and assigned carriers.

Logistics Alerts:
Notifications of delays, route deviations, or incidents during distribution.

Transport Conditions:
Recording of temperature, humidity, and other critical parameters using IoT sensors.

Delivery Reports:
Digital proof of delivery including time, responsible person, and customer confirmation.

ERP Integration:
Seamless connection with sales, finance, and automated traceability modules.

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ERPagro APP Packing Plant Operations Control

Objective: Ensure precise control of production operations by reducing manual errors and guaranteeing efficiency throughout processing and packing workflows.

Plant supervisors, production managers, line leaders, and operations managers.

Real-time Recording:
Capture of activities performed by worker, line, or machine.

Task Assignment:
Digital distribution of work orders with online tracking and monitoring.

Cost Integration:
Linking of activities with cost allocation per worker or equipment.

Offline Operation:
Data recording without internet connection, with later synchronization once online.

Digital Evidence:
Photos, signatures, and supporting documents associated with each process.

Alerts and Notifications:
Automatic alerts for incidents, delays, or production downtime.

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ERPagro APP Packing Plant Production and Traceability

Objective: Unify production control with the traceability required by clients, regulations, and audits — reducing errors and ensuring reliable data.

Plant supervisors, line leaders, quality managers, and production managers.

Plant Recording:
Capture of real production data by batch, shift, or line.

Batch Traceability:
Tracking of inputs, processes, and finished products linked to each batch.

Consumption Control:
Automatic allocation of materials, packaging, and labor costs.

Waste and Defect Management:
Recording of incidents linked to quality and cost analysis.

Labeling and Serial Control:
Product identification through barcodes or QR codes.

Offline Operation:
Activity recording without internet connection, with later synchronization once online.

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ERPagro APP Warehouse and Inventory Management

Objective: Maintain accurate inventories, reduce losses, and improve efficiency in the control of materials and finished products.

Warehouse managers, logistics personnel, plant supervisors, and purchasing managers.

Real-Time Inbound and Outbound Movements: Immediate recording of transactions connected to purchasing, production, and sales.

Physical Counts and Adjustments: Periodic inventories with automatic stock reconciliation.

Batch and Location Management: Control by batch, physical location, expiration date, and status.

Full Traceability: Relationship between inputs, production, and shipments.

Order Picking and Preparation: Support for warehouse order fulfillment and dispatch organization.

ERP Integration: Connected data across finance, purchasing, production, and sales.

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ERPagro APP Returnable Assets Management

Objective: Reduce losses and optimize the management of returnable packaging, ensuring that every movement is recorded and linked to the corresponding client, supplier, or site.

Warehouse managers, logistics supervisors, plant coordinators, and administrative staff.

Delivery and Return Records:
Control of boxes, bins, crates, and pallets assigned to clients, suppliers, or sites.

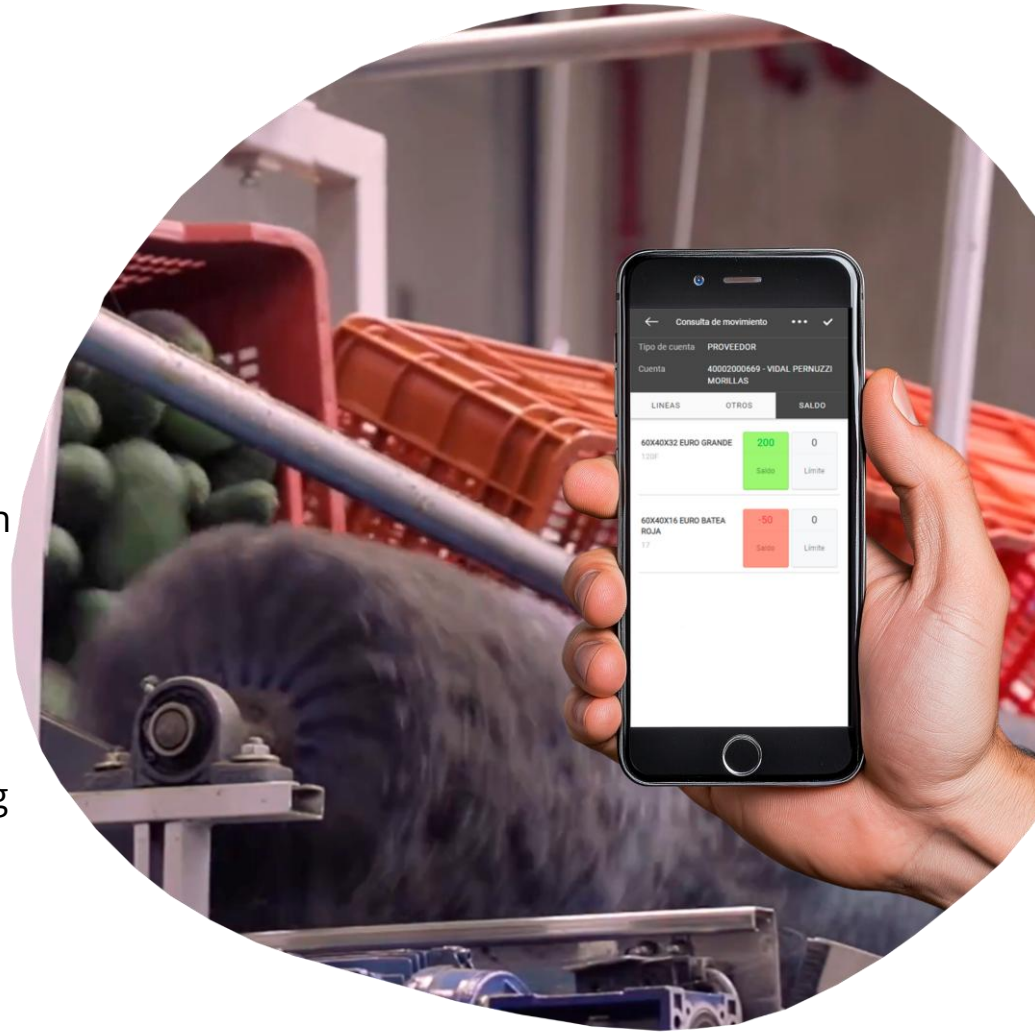
Real-Time Movements:
Inbound, outbound, and transfer tracking between warehouses or distribution centers.

Responsibility Traceability:
Association of returnable items with clients, transporters, or workers.

Balance Alerts and Control:
Identification of shortages and monitoring of pending returns.

Offline Operation:
Data capture without connectivity, with later synchronization.

Usage and Cost Reports:
Analysis of losses, recovery, and turnover of returnable assets.



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ERPagro APP Sales Orders Management

Objective: Simplify order entry, reduce errors, and ensure that every order is linked to the shipping and invoicing workflow.

Sales representatives, account managers, customer service staff, and sales administration personnel.

Instant Order Entry:
Capture orders from mobile devices — in the field or at the office.

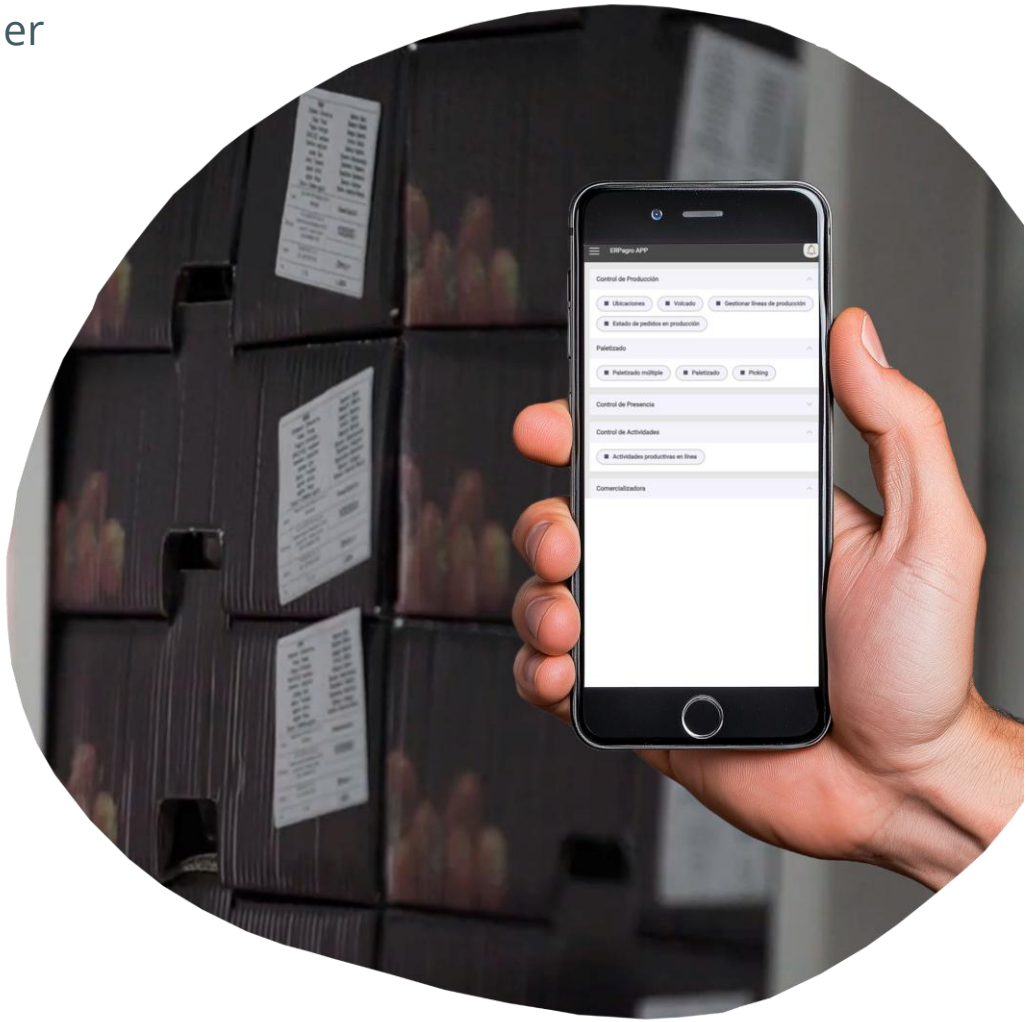
Automatic Validation:
Verification of stock availability and sales conditions.

Integration with Shipments:
Each order is automatically linked to loads and deliveries.

Document Generation:
Digital orders with instant confirmation for the client.

Customer History:
Consult previous orders, agreed prices, and special conditions.

Order Reports:
Visualization of pending, delivered, and invoiced orders.



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ERPagro APP Shipping and Dispatch Management

Objective: Optimize shipping logistics, reduce errors during loading, and ensure each delivery meets the required timing, documentation, and traceability standards.

Logistics managers, warehouse supervisors, transport coordinators, drivers, and administrative shipping personnel.

Load Planning:
Organization of loads and vehicles according to orders and routes.

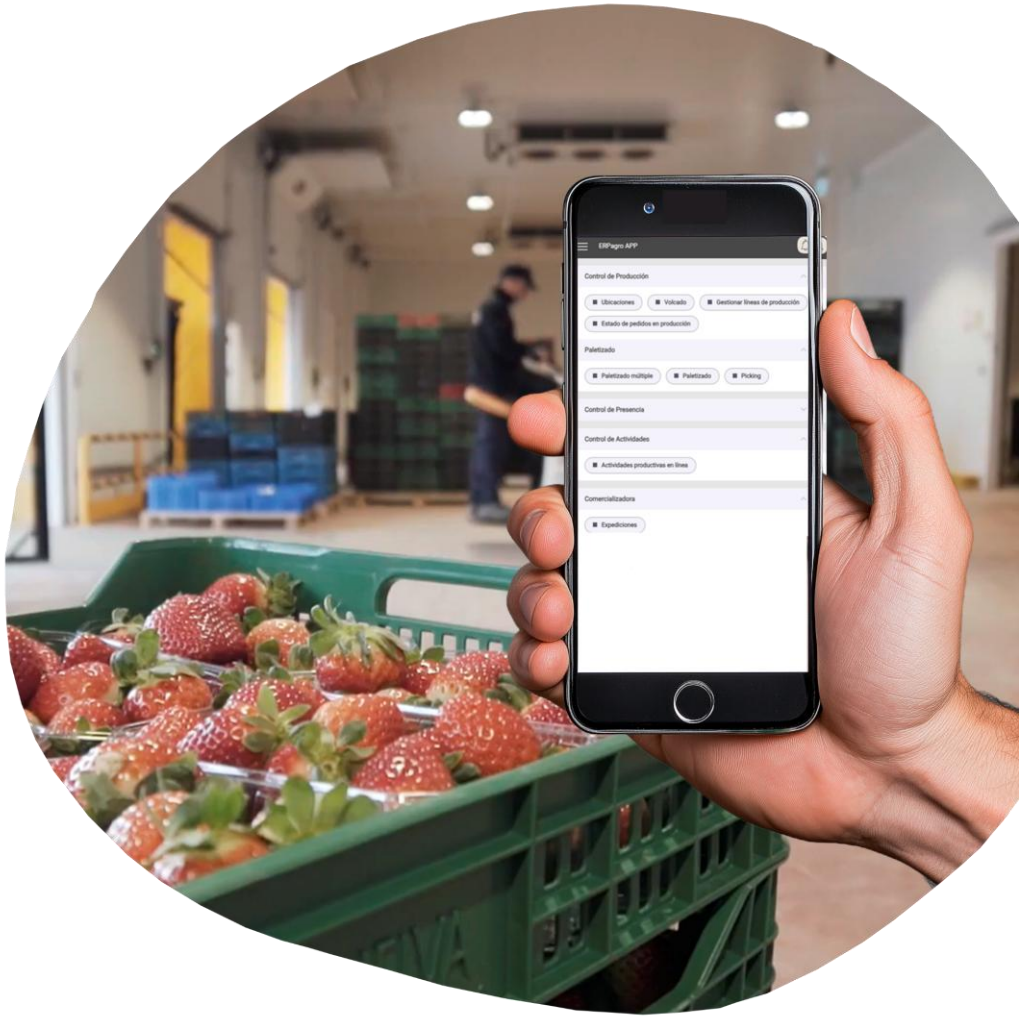
Shipment Management:
Real-time control of loadings, departures, and deliveries.

Digital Documentation:
Generation and validation of manifests, loading orders, and delivery documents.

Complete Traceability:
Link between order, load, transport, and final delivery.

Carrier Control:
Registration of transporters, responsibilities, and shipping conditions.

Alerts and Tracking:
Notifications of delays, incidents, or confirmed deliveries.



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Data Sheets

Download the descriptive data sheets and explore in detail the features, workflows, and integrations of each module, app, and service.

ERPagro - Pre-Harvest

Efemis - Field

ERPagro – Post-Harvest and Packing

ERPagro – Cross-Functional Business Management

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Contact us for a Demo or Proof of Concept

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