



E2K WMS

Warehouse and Supply Chain Management

E2K WMS is the logistics management software system designed to optimize, manage, and coordinate all logistical operations using Voice Picking, RF Terminals, RFID, Pick-to-Light, and Automated Warehouses.

E2K WMS handles:

WMS: Warehouse, Logistics, and Supply Chain Management.

Voice & Visual Picking: Management of picking operations via Voice Picking and Pick-to-Light systems.

MES: Production Planning and Control.

TMS: Shipping Management, Tracking, and Traceability.

SPC: Data Collection and Production Progress.

IMS: Inventory and Procurement Management.

KPIs: Tracking of time, performance, yields, and efficiency.

COD: E2K-WMS

PLURISERVICE CODE



Trasporti e
logistica



Produzione

DESCRIPTION

E2K WMS: OPTIMIZE, MANAGE, AND COORDINATE ALL LOGISTICS ACTIVITIES

E2K-WMS is an innovative Warehouse Management System (WMS) consisting of an integrated computerized framework (including software, hardware, identification systems, handheld terminals, etc.). It is designed to perform and guarantee data collection, process flow traceability, and the track-and-traceability of products supplied (sold) to customers.

Through E2K-WMS, users have access to real-time information regarding actual stock levels and the exact location of products within the warehouse. Reports on access logs and ABC analysis ensure labor savings while guaranteeing perfect warehouse administration. Thanks to the most modern automatic identification systems (RFID, Barcode, etc.), E2K-WMS offers complete traceability and tracking of products, components, and loading units (boxes, pallets, crates, etc.). This is ensured by recording every single physical movement of the material.

Furthermore, E2K-WMS enables comprehensive product traceability. Through the meticulous and systematic automatic collection and storage of data relating to raw material supplies, internal and external processing management, treatments, transfers, and more, it is

TECHNICAL SPECIFICATIONS

ERP Integration: Integration with the existing corporate management system.

Corporate Logistics Coordination: Streamlining all company logistical operations.

Real-time Monitoring: Real-time monitoring and control of logistics activities.

Automatic Identification & Traceability: Automated product identification and tracking.

Multi-site Warehouse Management: Management of multiple warehouses across disjointed locations.

Facility Layout Management: Management of areas, bays, staging areas, aisles, shelves, bins, locations, etc.

Inbound Logistics - Purchases: Management of goods receipt from suppliers.

Subcontracting Management: Management of goods receipt from toll manufacturing/subcontracting.

Production Put-away: Management of stock entries from the production line.

Inventory & Allocation: Management of stock levels, availability, and material reservations.

Put-away & Refill Optimization: Optimization of

possible to reconstruct the sequence of activities and processes for every product using the most widely adopted technologies and devices.

storage and replenishment activities.

Order & Picking List Management: Control and management of orders and picking lists.

Stock Rotation Logic: Management of FIFO, LIFO, Expiration Dates, etc.

SSCC Management: Serial Shipping Container Code management.

Automatic Order Allocation: Automated subdivision and assignment of orders and picking lists.

Path & Picking Optimization: Optimization of routes and picking operations.

Shipping Management: Comprehensive management of outbound shipments.

Returns Management: Management of returns and reverse logistics.

Track & Trace: Comprehensive traceability and trackability management.