ILS WMS
WAREHOUSE MANAGEMENT SYSTEM

FOR SMARTER WAREHOUSES

Control and Monitoring

We would like to offer you the ILS Warehouse Management System software for your needs, Let us show our system's skills
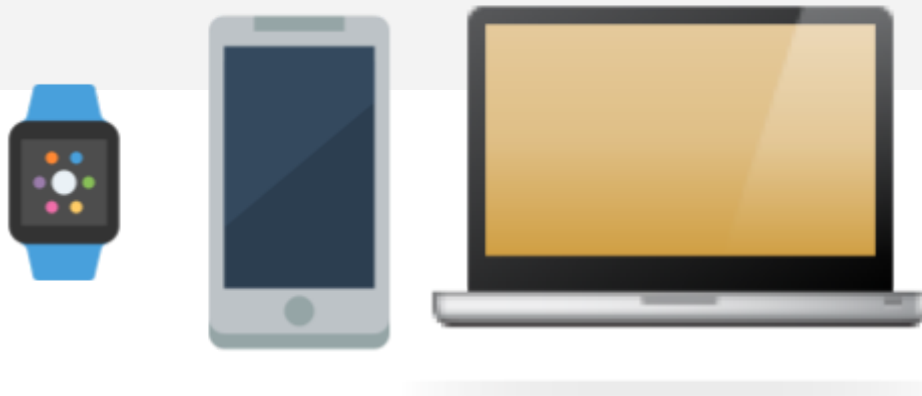
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Better material receiving, shipment & production

WHAT IS THE ILS-WMS?

It is the system that records and reports the whole process from the acceptance of the products to the warehouse to the dispatch using computer-based technologies. directs the employees by taking decisions in the process of address determination and location with the intelligent algorithms. it provides tracking and planning of the resources. it makes the life easier in your workplace.
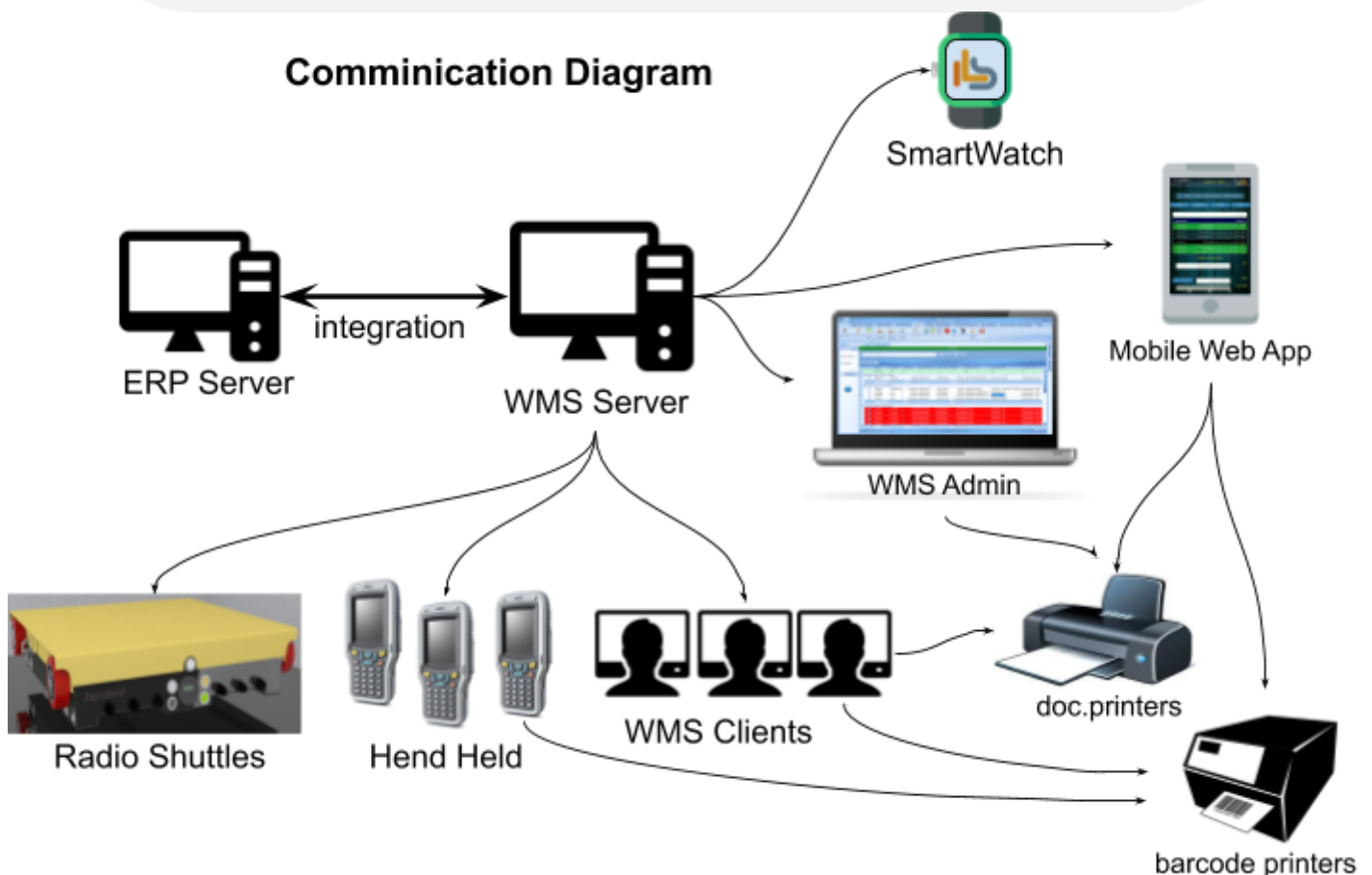
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Automatic Operational Solutions

WHAT DOES ILS BRING TO YOUR BUSINESS?

➡ Most efficient use of storage area

➡ One-platform management of all warehouse management and logistics operations

➡ Time and cost saving

➡ Forward and backward traceability from material acceptance to delivery on stock

➡ Increasing logistics efficiency and reducing the number of transactions

➡ Significant reduction of losses due to expiration date or unknown factors

➡ More efficient use of labor

➡ Monitoring all warehouse processes on the system effective control

Comminication Diagram

SmartWatch

ERP Server

integration

WMS Server

WMS Admin

Mobile Web App

Radio Shuttles

Hend Held

WMS Clients

doc.printers

barcode printers

What will you have?

WMS Server

Client Computers

Barcode Printers

Document Printers

Touch Panels

Hand Terminals

Transporters

Shuttles to move Pallets

Components for WMS

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You can control and monitor your warehouse inventory as online with your computer, mobile phone, smart watch and hand terminal.

Login Screen

Interface supports Turkish, English and Arabic and partially German and Russian too.

Same time, you can control your business on phone or website.

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Main Screen

Transaction Logs

Overview of Operations

RECEIVING
-Receiving Materials from Suppliers, from Customers (Returns), barcoding, Quality Check, Smart Storing...

PRODUCTION OPERATIONS

-Production planning according to shipments & stock levels
-Automatically recall & feed raw materials for production lines
-Raw materials consumption
-Creating stock in WMS after palletizing & quality check during production
-Capability of communicating with production machines, PLCs, Scada systems
-Capability of counting packages in production line
-Integration with automation systems
-Assigning jobs to operators
-Organize **Mix Pallet** shipment
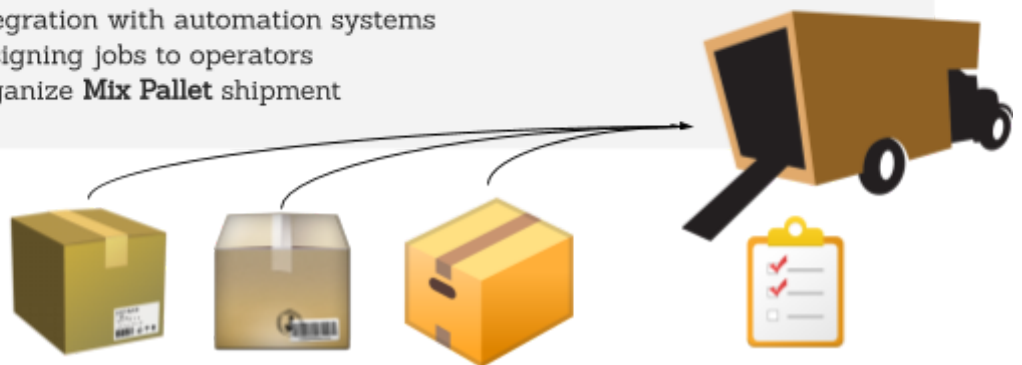
STORING & COLLECT & INTERNAL & TRANSFER OPERATIONS

-Storing with hand held devices Automatic forwarding via software creating manual transfer orders to operators
-Easy to define product ör customer based rules like FIFO, FEFO and collect materials from warehouse
-Automatically created Transfer orders to move materials based on Pre-defined Customer based rules

More Control

SHIPMENT MANAGEMENT

-Shipment planning & routing trucks

-Scaling trucks & containers full & empty & net Weight

-Collect materials towers to shipment gates with software suggestion, based on FIFO, FEFO ör custimezed Rules

-Option to take and save photographs for each loading, in case of shipment customer complains. (WMS android app)

INVENTORY MANAGEMENT

-Watch stock real time with location addresses

-3D view of warehouse

-Warehouse location management

-Stock counting with hand held devices and counting reports & comparison
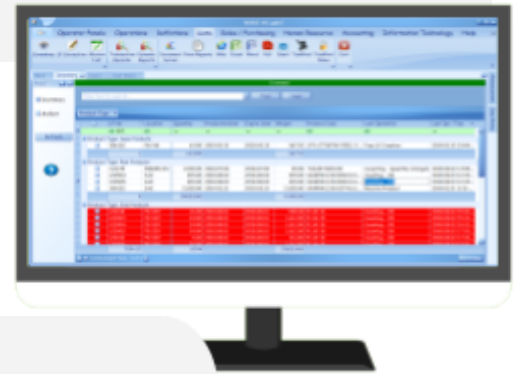
QUALITY CONTROL OPERATIONS

-Define quality statues on materials like Accepted, Rejected, Quality Check, Blocked or On Hold

-Intervention to Shipment, Receiving, Block material to operate or not

-Automatic Quality actions on materials like going to be rejected Status at the end of shelf life days, Become On-hold Status in Some PeriodS etc.

Quality

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Analysys Production Performance

RETURN TO SUPPLIER, RETURN FROM CUSTOMER

Easy to get or send returns based on Sales/Purchasing orders or without order (based on Customer/Supplier directly)
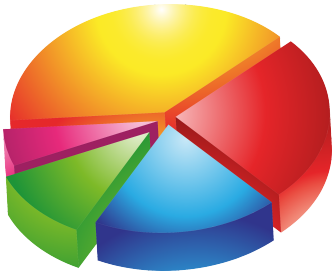
INTEGRATION WITH YOUR CURRENT SOFTWARE SYSTEM

Integration with ERP, SAP, Oracle, MsSql, MySql databases, Services & APIs automatic two way synchronize sales orders, Purchasing orders, production plans etc.

REPORTING

We have powerful reporting tool standart reports like; receiving, shipment, production, quality control, transaction reports, employee reports, special dynamic report designs for customer special printing report designs, real time charts for large screens permission levels on reports for system users.
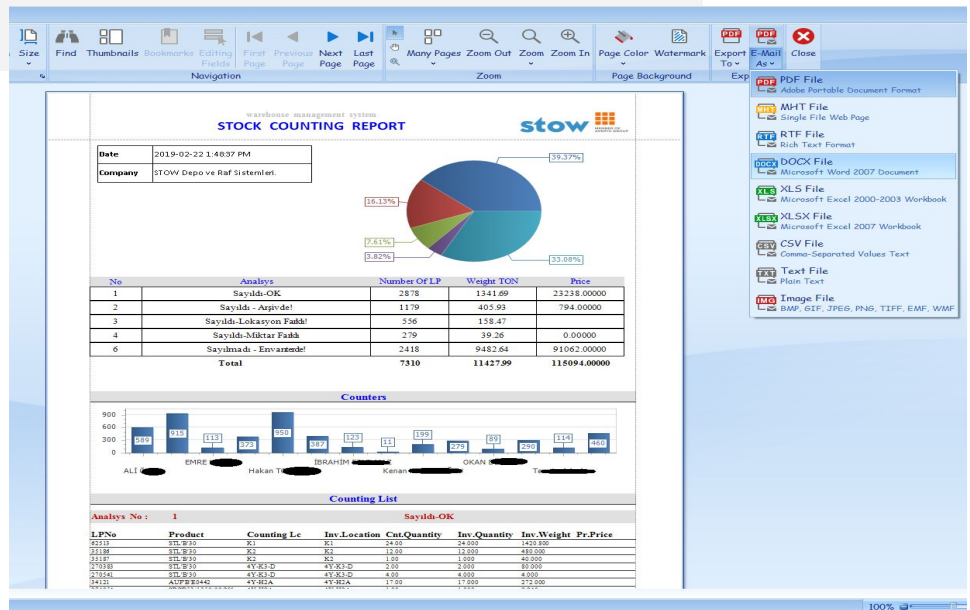
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LP (Labelled Pallet) Barcode Design

3D Stock Model in Warehouse

3D Warehosuse View

DO YOU NEED MORE THAN WAREHOUSE MANAGEMENT?

WMS INTEGRATION WITH YOUR MACHINES

Capabilitiy of talking with production lines, PLC, Scanda, sensors, counting production realtime. Indusrty 4.0

EMPLOYEE MANAGEMENT & HUMAN RESOURCE MODULE

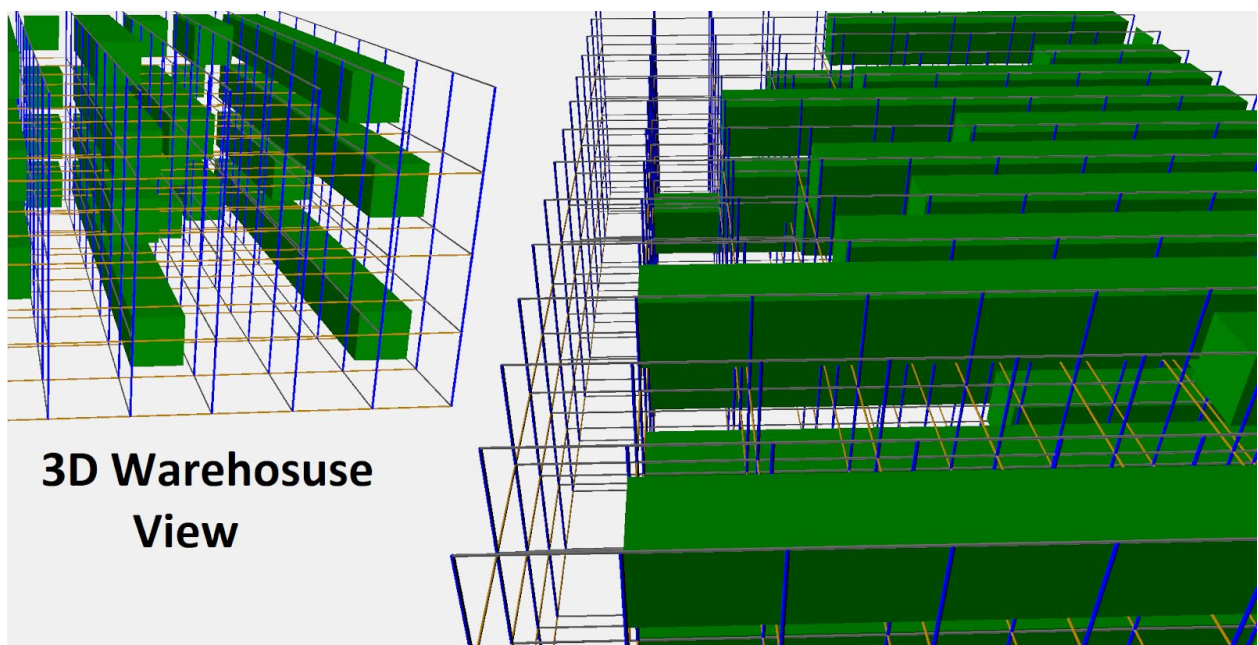-Employee & worker & operator performance reports

-Attendance records & vacations & holiday permissions

-Man work reports based on company businesses

-Managing documents for employees cv & certificates

ANNOUNCEMENT MODULE

-Reminders, automatic mails to pre-defined some group of users.

-Balloon & pop-up & full screen message to inform user, get read time.

-Automatic reminders for shipments, missions, quality checks, time delay warns

DOCUMENT MANAGEMENT SYSTEM

Would you like to manage all the documents in your company? Employee CVs, certificates , agreements, customer orders, technical documents, presentations, meeting notes, official papers, images...

Any document file type can be stored and shown in wms interface and easy to find them later according to releated job, project or shipment

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-OTHER WAREHOUSE SOLUTIONS-

SHUTTLE

The radio shuttle is a semi-automatic, high-density storage solution for pallets storage. It moves to the desired position by moving automatically in the channel for transportation.

It is suitable for high density storage with the same structure as cold storage, food and beverage industry. It can help you ensure maximum utilization of the warehouse, simplify loading and unloading of goods.

It automatically loads and unloads pallets with high efficiency without the need for forklifts to enter the corridor.
The movement speed of the pallet shuttle is about 0.8-1.2 m / s, the maximum load is 1500kg.
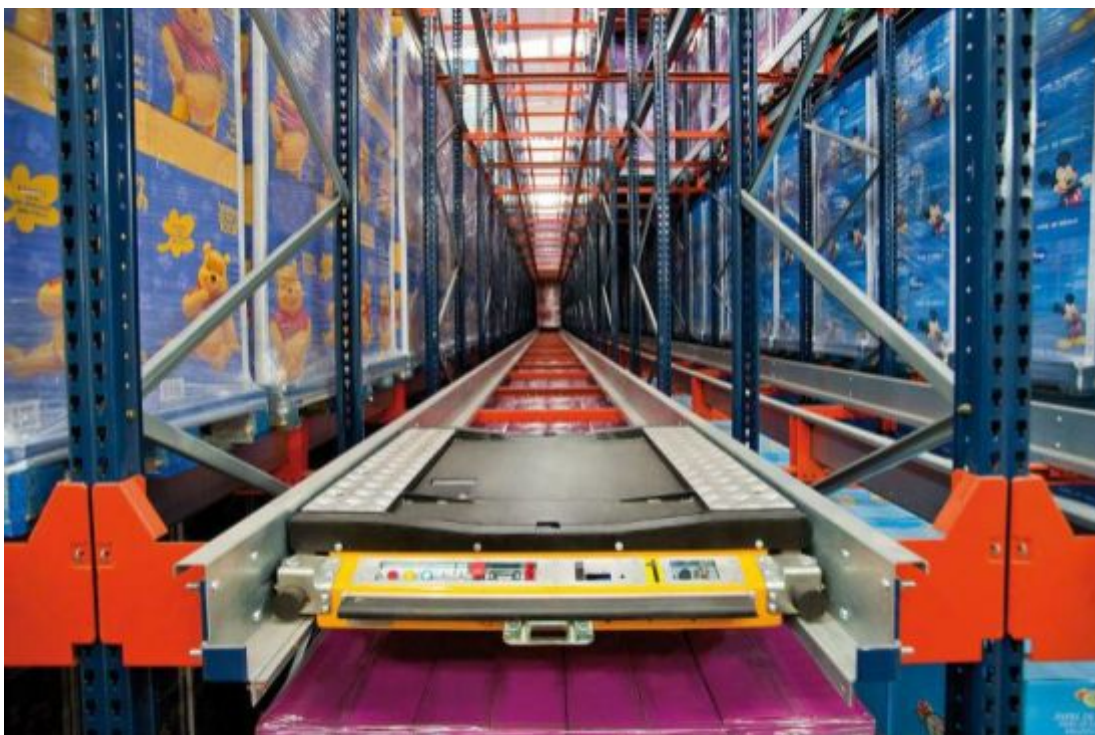
AS-RS FULL AUTOMATIC WAREHOUSE

More area in your warehouse to store
Full automatic control algorithm
Online access in your mobile phone and computer
Eliminates forklift usage
Space utilization

We can offer you full warehouse solutions that rack systems, shuttle and AS-RS.

We can build full automatic warehouse and you have complete control.

BENEFITS TO YOUR BUSINESS

▶ Fill, unload, edit pallets automatically.

▶ Less damage to the rack units as the truck does not enter the rack unit.

▶ Save labor cost, improve work efficiency and inventory turnover.

▶ Provide shuttle control with the Auto-Manual control option.

▶ You can easily access the products on the shelves.

▶ We can adapt your system by bringing together automation-mechanical solutions in the size and feature you want for your product or warehouse.

▶ Thanks to the distance measurement sensors on the shuttle, you can make error-free and safer storage operations.

▶ We can manufacture shuttle robots of any size and feature to suit the pallet sizes you use.

▶ With RFID technology, you can easily and quickly identify pallets.

▶ Integration with WMS softwares can be provided.

▶ We produce 100x120 cm American pallets, 80x120 cm European pallet standards in accordance with norms.

If you want to watch our warehouse solutions videos, check the QR code

https://www.youtube.com/watch?v=DAIzKaiT59Y&t=7s

About Genesis

We are not only Software company but also automation company, We make endustriy 4.0 automations, turn-key solutions. GENESIS is an automation company established on 01.08.1997. The main field of activity of our company is the industrial automation and we aim to provide superior automation solutions to all Turkey and Worldwide. GENESIS Automation is SOLUTION PARTNER of SIEMENS at the area of Industrial Automation and Motion & Drives since 1997. In order to provide TURN-KEY automation solution, our company has established an engineering department, a powerful field installation team and assembly workshops. At the moment, 11 engineers, 33 technicians, 2 sales representative, have been employed in the company.

FIELDS OF ACTIVITY

- TURN-KEY SYSTEM AUTOMATION

*Warehouse, Production, Document, Maintenance softwares & Development team

*Design Automation / Electrical projects

*PLC programming, commissioning

*Motion / Speed control (AC/DC Motors and Servo motors)

*To produce effective operator interfaces by using operator panels of various dimensions and features

*ON-LINE Monitoring and control of the system through a high level SCADA program and dynamic mimic diagrams.

*Assembly electrical cabinets.

*Installation of machines and plants in field.

ENGINEERING DEPARTMENT

Our engineering team consist of 5 engineers with high software and hardware skills about automation systems. Also they have excellent knowledge and experience on both English and Italian language.
Our team always works with newest high end technology tools to provide best solutions to our customers.

ELECTRICAL PANEL ASSEMBLY WORKSHOP

In the workshops of our company, the assembly of all kinds of power and control boards are carried out by the expert assembly personnel to international standards (CE standarts) and are delivered in time.

ELECTRICAL FIELD INSTALLATION

This teams provides services such as installation of the power and control boards, making board-field connections according to project, machinery transport and electric maintenance.

Referance WMS Projects

ETİ Food Factory Warehouse - Eskişehir/Turkey
Warehouse Management System Automation – France
Warehouse Management System Automation – Dubai
Al Nakheel Fine Hygienic - Abu dhabi/UAE
Euro Gıda Canned Goods Facility - İzmir/Turkey
Shaban Group, Al-Kasih Co. - Amman, Jordan
Stow Group - Kocaeli/Turkey
Meat & Milk institution - Erzincan/Turkey
Warehouse Management System Automation – Libya
HADERA Paper Factory Warehouse Management System Automation - Tel Aviv/ISRAEL