



MANAGE YOUR BUSINESS



Smarter
Logistics
Solutions











Smarter
Warehouses





















15 Module
Options



What is WMS Cloud?

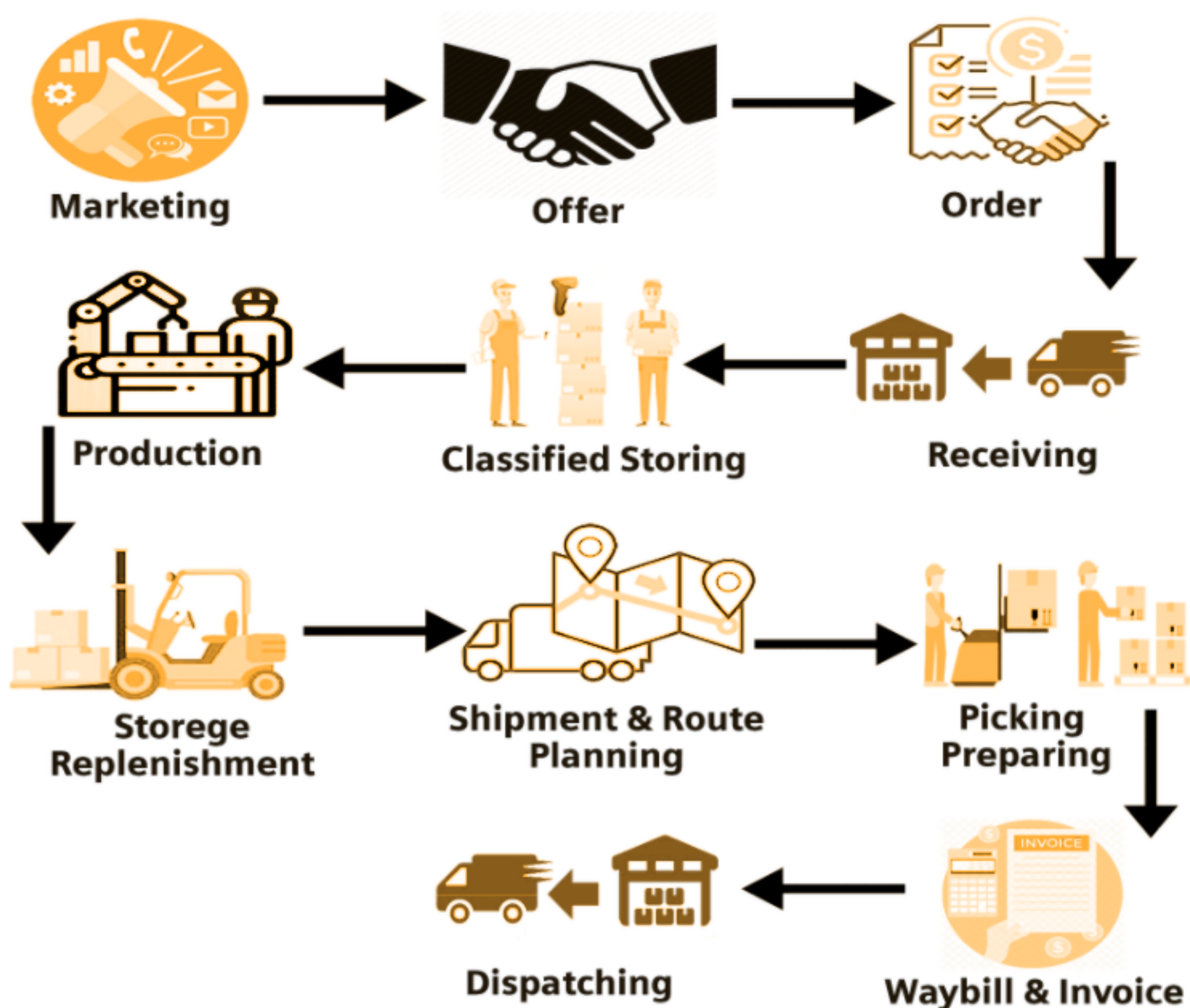
-  The WMC Cloud system is the most convenient way to manage all businesses
-  One-platform to run a business, such as warehouse logistics operations, customer relations, inbound outbound items on more
-  Time and cost saving
-  Forward and backward traceability from material acceptance to delivery on 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

CONTENT

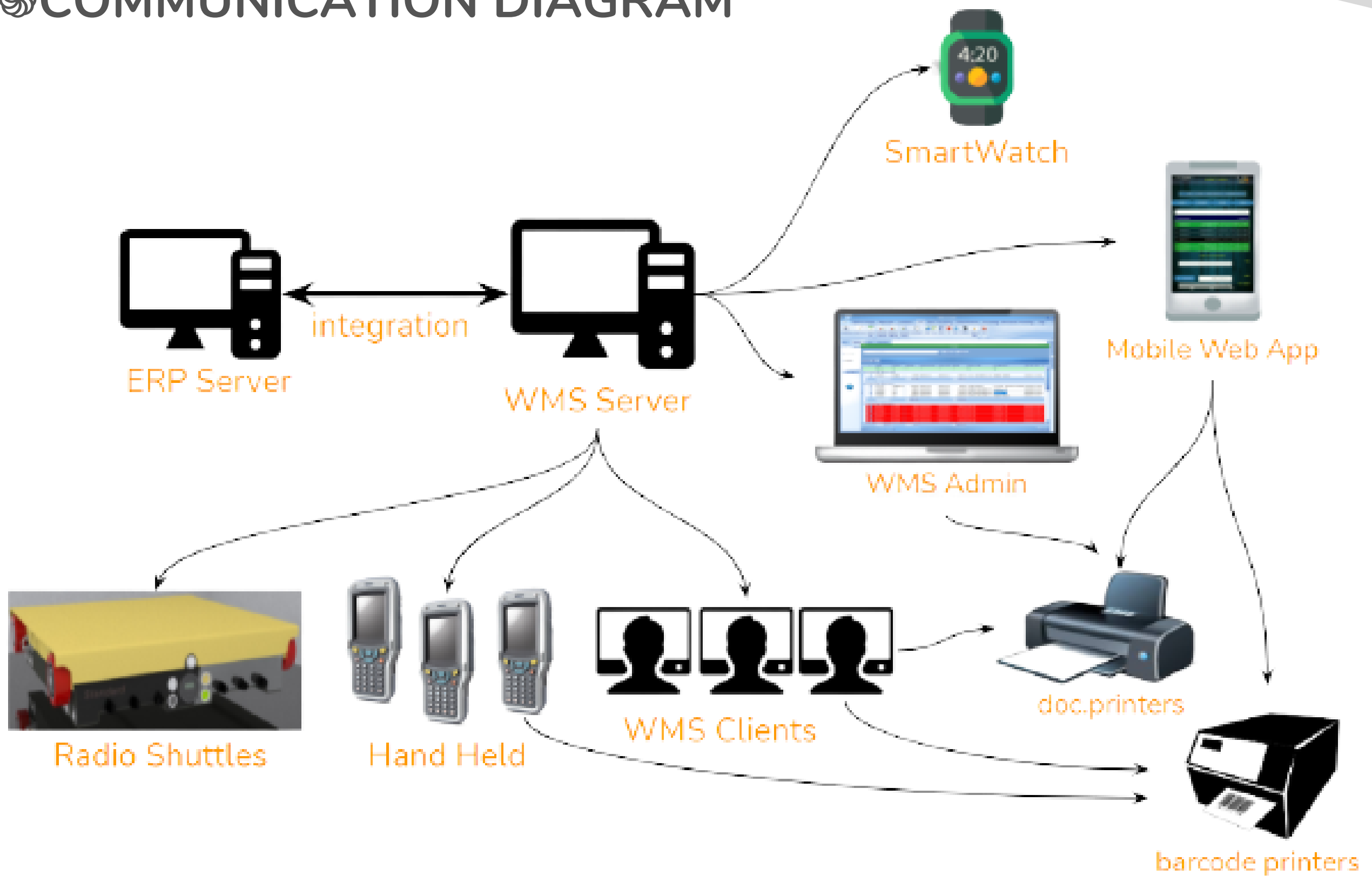
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KEY FEATURES

WMS includes all the basic features such as receiving operations, inventory management, stock levels, shipment planning and management, warehouse space planning, needed to manage a warehouse. 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 life easier in your workplace.



COMMUNICATION DIAGRAM



HARDWARE PRODUCTS FOR WMS



WMS Server



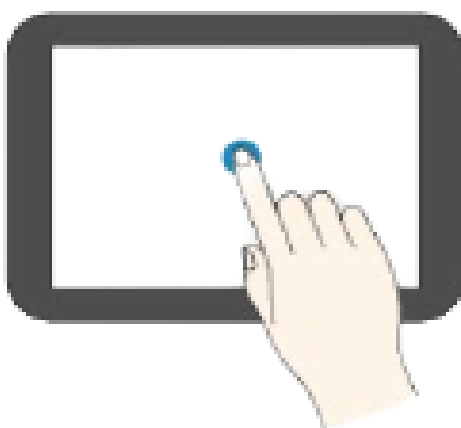
Client Computers



Barcode Printers



Document Printers



Touch +



Hand Terminals



Transporters



Shuttles to move Pallets

SCREENS



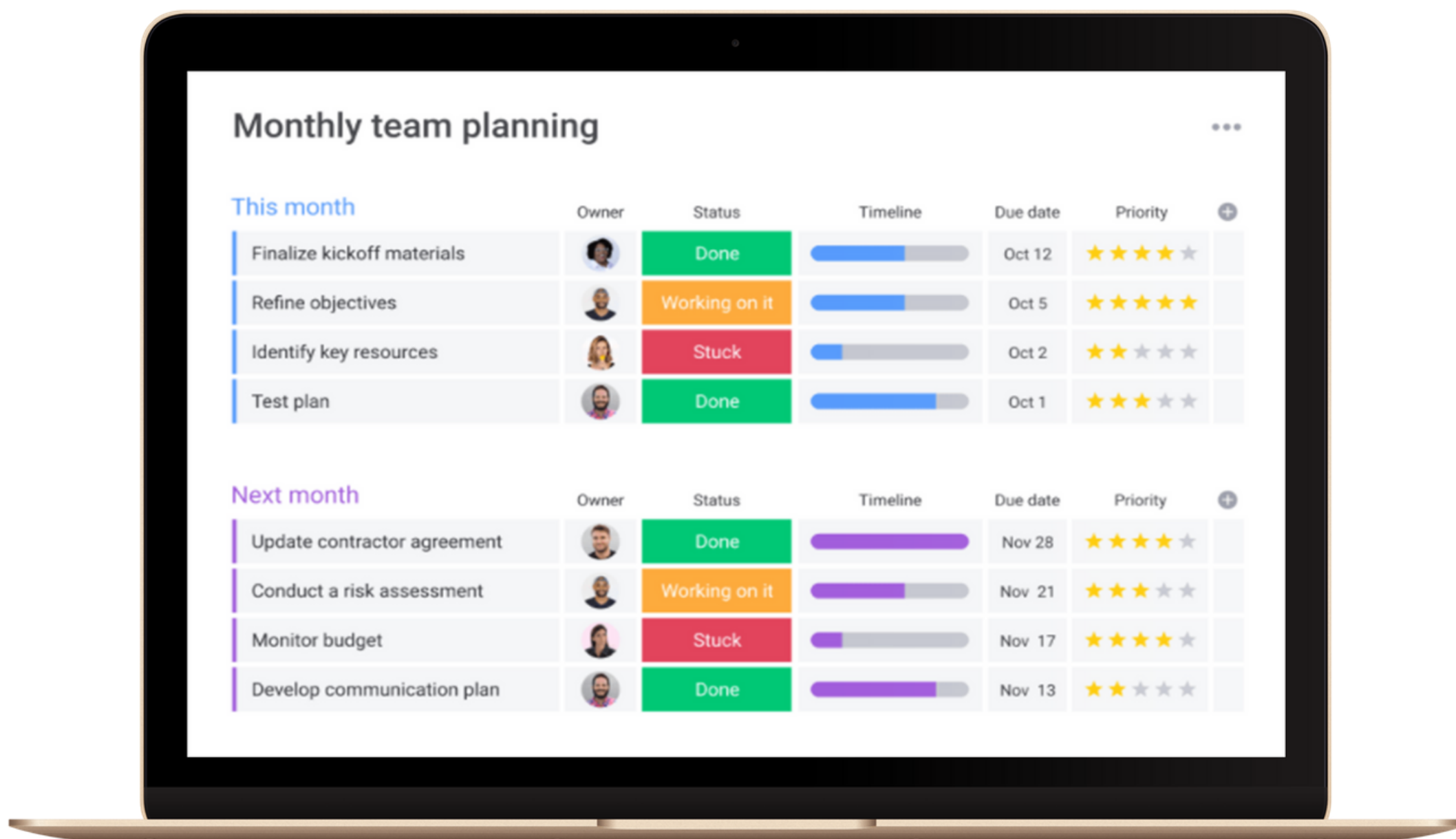
Login Screen

Our application is web-based and mobile compatible. It can work with desktop computers, tablets, phones, industrial handheld terminals, and even smartwatches. The interface supports Turkish, English, Russian, and Arabic language options.

Home Screen



Tasks to Employees



WMS BASIC

Storing and Picking Internal Transfers

The system shows the accurate address to stock the products to the workers, optimizes warehouse areas, and guides for the most suitable stocking and picking locations.

Create transfer orders for product storage and picking manually or system creates automatically based on following rules;

- Item level, Item group level, and Customer level
- FIFO (first in first out) daily, weekly, monthly
- Production Date



Purchasing Module

Create purchase requests internally from any department to the purchasing department.

Get purchase offers from suppliers, and compare their prices with wms cloud, get a notification when purchases arrive.

Receiving materials from suppliers, from customers, make labeling, quality checks, and smart storing...

Inventory Management

- Watch stock real-time with location addresses
- 2D, 3D view of the warehouse
- Warehouse location management
- Stock counting with handheld devices and counting reports and comparison
- Alerts for min-max stock levels
- Purchasing according to min-max levels and pending shipment orders
- Reduce material loss with inventory management



Reporting

- ☞ Powerful reporting tools, customized reporting per each department, dynamic report designs.
- ☞ Real-time charts. user permissions to be able to view reports.
- ☞ Document management system and so on..



Return to Supplier, Return from Customer

- ☞ Easy to get or send returns based on Sales/Purchasing orders

Shipment Management

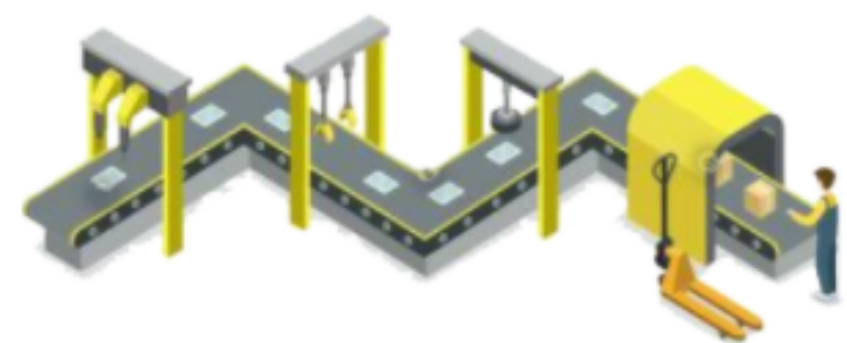
- ☞ Loading operations are optimized and accelerated.
- ☞ Shipment planning and routing trucks.
- ☞ Scaling trucks and containers to get net loading weight.
- ☞ Collect materials towards shipment gates with software suggestions, based on FIFO or customized rules.
- ☞ Option to take photographs for each loading, in case of shipment customer complains.
- ☞ Organize Mix Pallet shipment at pick face areas.



🌀 PRODUCTION MODULE 🌀

Production Operations

- 🌀 Make production planning according to shipments and stock levels
- 🌀 The system assigns tasks to provide materials to the production lines and sends a warning to the staff in charge.
- 🌀 The worker brings the materials to the production line through the system and consumes them.
- 🌀 Creating stock end of the production line, palletizing & labeling & quality check.
- 🌀 System is capable of logging or auto-labeling via communicating with production machines, PLCs, SCADA systems
- 🌀 The capability of counting packages in the production line
- 🌀 Integration with automation systems
- 🌀 Keep your production under control, let the system create work orders automatically for you
- 🌀 System force operators to get required items through to production lines according to product receipt, raw materials are being consumed under system control



Production Performance



- 🌀 You will be able to follow your production speed and compare it to optimum values.
- 🌀 System reports to you why the performance is low for your next step.

PROJECT MANAGEMENT MODULE



Assign tasks to your employees.

Manage your project teams, and organize work plan regarding to timeline.

Track the status of projects on the timeline and each employee can receive notifications for their own tasks.

Optimize your time efficiency for project deadlines.

It ensures that long worklists are recorded and traceable/reportable.

QUALITY MODULE

Make Quality Control Operations

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

The quality department can pull a product to a blocked status, preventing it from being used in operations such as goods acceptance, shipment, and production.

By defining rules to the system, you may change the quality status automatically, such as blocking the expiry date to prevent the shipment of the product.

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.



⌘ MAINTENANCE MODULE ⌘

⌘ You will be able to aware of faults in real-time, system send notifications per each property, once their periodic maintenance schedule comes.



⌘ ROUTING MODULE ⌘



⌘ Routing Planing

⌘ It is difficult to have busy shipment traffic, to distribute shipment orders to the vehicles and routes every day.

⌘ The system automatically distributes customer orders, that need to go on the same route on the same day, with the least gap capacity of the fleet.

⌘ With dynamic route calculation, you can minimize your cost and delivery times result in a happy customer.

⌘ HUMAN RESOURCE ⌘

⌘ Employee management and human resource

⌘ Employee, worker, and operator performance reports

⌘ Attendance records, vacations, and holiday permissions

⌘ Man work reports based on company businesses

⌘ Managing documents for employees cv and certificates

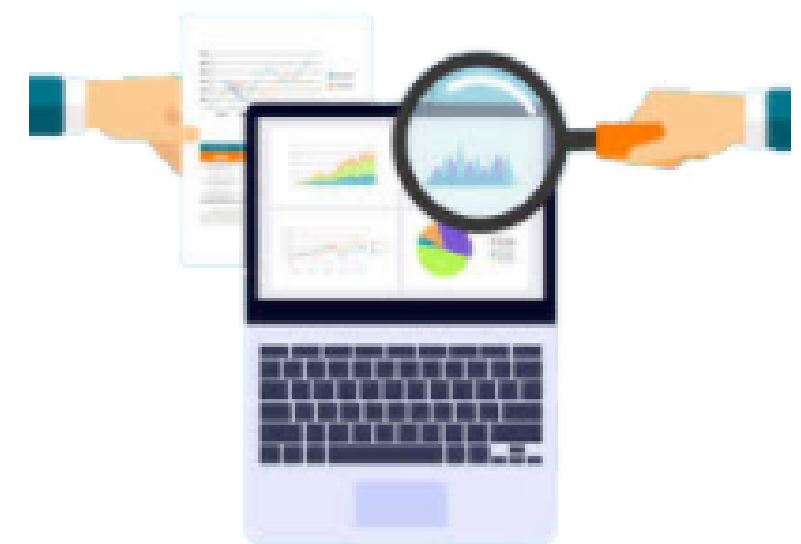


🌀 DOCUMENT SERVER 🌀

🌀 Document Management System

🌀 Would you like to manage all the documents in one place 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 the interface and easy to find them later according to related job, project, or shipment.



🌀 NOTIFICATION MODULE 🌀



🌀 Announcement, reminders, automatic emails to pre-defined some group of users.

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

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

🌀 Some of the systems alert like stock level, near expiry, new shipment order entered, notify customer for order status, a new user signed up, and more..

CRM

- Customer relations management.
- Make the marketing and plan your meetings
- Preparation and sending of sales offers.
- Covers functions such as analysis of sales orders.



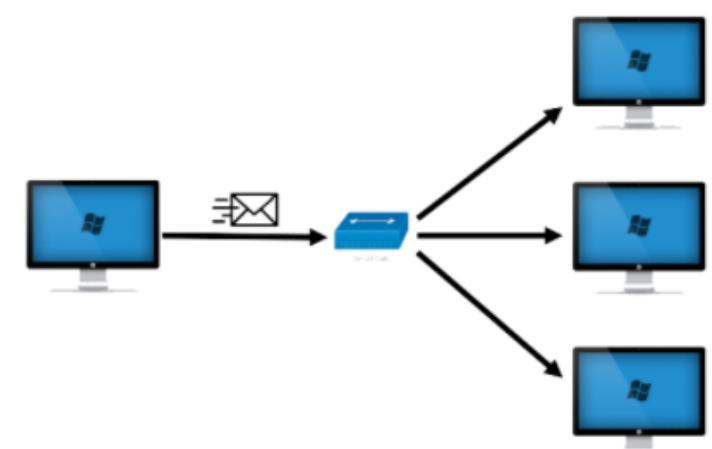
E-COMMERCE



- Open your business to word using our e-commerce platform and integrate it with your inventory.

INTEGRATION SERVICES

- Integration with your Current Software System
- Integration with ERP, SAP, Oracle, MsSql, MySql databases, Services, and APIs automatic two-way synchronizes sales orders, Purchasing orders, production plans, etc.
- Integration technics;
Restful Web Api, Soap WSDL, DB to DB, gRCP



🌀 CONTENT MANAGEMENT SYSTEM 🌀

🌀The tools that allow you to create websites without knowing coding are generally called CMS (Content Management System). If you are using your web application with internet access, you will need a site design that shows your brand face for visitors to your website. Our system has a CMS module that allows you to create this content easily. You can create the basic static welcome screens of your website either from scratch or by using our ready-made themes such as home page, mission, vision, communication, and announcements.



🌀 DEVELOPMENT SERVICE 🌀

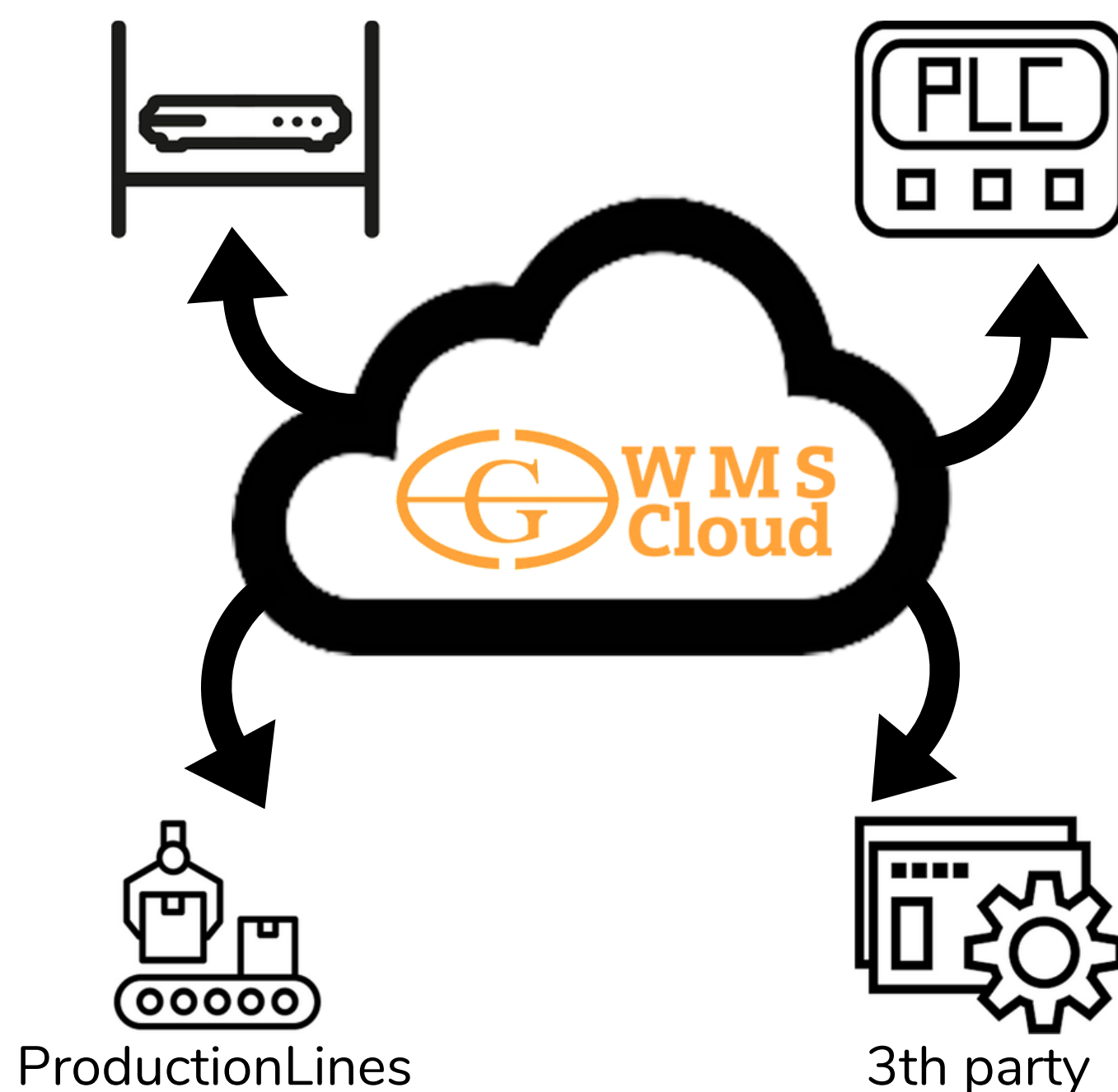


🌀Thanks to this module, within the scope of the engineering service we will offer you, additional studies can be carried out to customize the system according to your business needs, depending on a certain man-day fee.

🌀 SCADA MODULE 🌀

WMS Integration of Machines

🌀 WMSCloud is Capable of talking and directing with hardwares in your facility, such as production lines, PLC, Scada, sensors, counting production realtime. You can command hardwares from wmscloud.



Warehouse Hardware Solutions

The system is capable of communicating directly with the machines in your factory. For example, we can read and write; instant production numbers if you are producing, where to send and receive materials if you have an autonomous warehouse, or the status of your fleet vehicles if you have a shipping fleet, using the automation layer we have added. By visualizing communication with machines on SCADA screens, it can be seen the status of machines, given commands, and log.

AS-RS Full Automatic Warehouse

☯ By using warehouse management software, it can optimize warehouse utilization and reduce physical space requirement. If even more space is needed; a fully automated warehouse, namely the AS-RS warehouse, maybe the best option.

☯ 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 a fully automatic warehouse and you have complete control.



check out the video

<https://www.youtube.com/watch?v=Knn8N4hBOqw>

High-Density Warehouse - Shuttles

Or semi-automatic warehouse according to your budget;

- ☯ Fill, unload, edit pallets automatically.
- ☯ Less damage to the rack units as the truck does not enter the rack unit.
- ☯ Save labor costs, 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.
- ☯ 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 software can be provided.
- ☯ We produce 100x120 cm American pallets, 80x120 cm European pallet standards in accordance with norms.

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

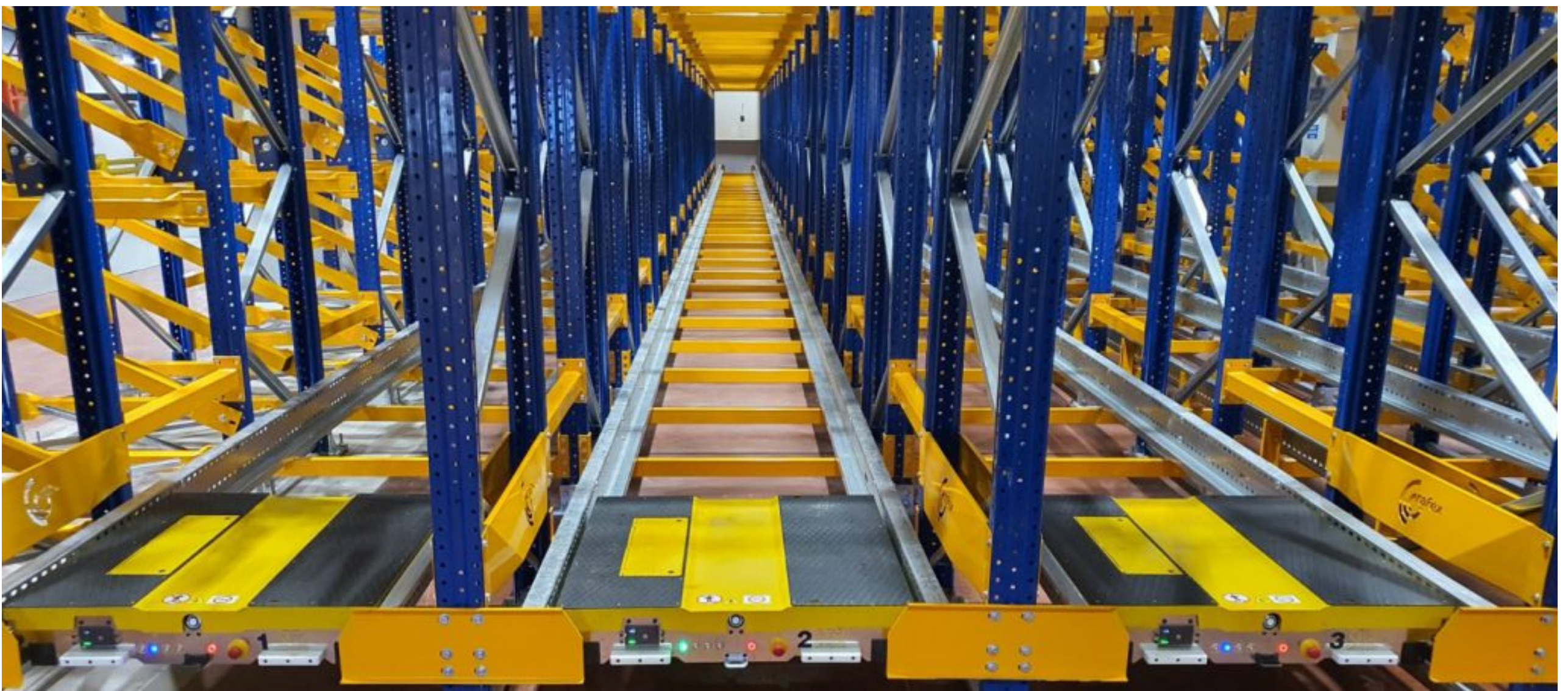
☯ It is suitable for high-density storage with the same structure as cold storage in, food and beverage industry.

☯ It can help you ensure maximum utilization of the warehouse, simplify the 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.




 GALLERY 




REFERENCES


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WMS Automation
Eskişehir, Turkey


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 HADERA Paper Factory
WMS Automation
Tel Aviv, Israel

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

VISIT PRODUCT PAGES

WMS BASIC



QUALITY



PRODUCTION MODULE



MAINTENANCE



PROJECT MANAGEMENT



ROUTING



HUMAN RESOURCE



CRM



DOCUMENT SERVER



SCADA



E-COMMERCE



DEVELOPMENT



INTREGRATION



CONTENT



🌀About Genesis

We are not only a Software company but also an automation company, We make industry 4.0 automation, turn-key solutions. GENESIS is an automation company established on 01.08.1997. The main field of activity of our company is an industrial automation and we aim to provide superior automation solutions to all Turkey and Worldwide. GENESIS Automation is a SOLUTION PARTNER of SIEMENS in the area of Industrial Automation and Motion & Drives since 1997. In order to provide a 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.

🌀Engineering Department

Our engineering team consists of 5 engineers with high software and hardware skills in automation systems. Also, they have excellent knowledge and experience in both the English and Italian languages.

Our team always works with the newest high-end technology tools to provide the best solutions to our customers.

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

🌀Fields of Activity

TURN-KEY SYSTEM AUTOMATION

Warehouse, Production, Document, Maintenance software and 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 the field.

🌀Electrical Panel 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.



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