INTELLIMAG®
the warehouse management system

The complete WMS solution for the warehouse logistics management

The reality of a warehouse is made of situations that are constantly evolving. The need for precision and immediate response times are a fundamental constant to give timely responses to customers, to new challenges imposed by the market and for the cost reduction.

INTELLIMAG is perfectly able to proceed at this speed because it fits without compromise to the specific business needs of companies and because its robust but versatile and scalable architecture, is open to all types of integration.

By implementing INTELLIMAG you can simplify the organization of work, optimize logistics flows of every company regardless of its size, applying the best strategies for the efficient warehouse logistics management of manufacturing, distribution and service companies.

With its Web 2.0 architecture INTELLIMAG is completely free of constraints, INTELLIMAG results agile, intelligent and innovative, a solution that really have performance and usability without limits: it's totally independent from platforms, databases, servers and networks.

The SOA technology architecture, multi-tier, multi-platform and WEB 2.0 allows its efficient use directly via Internet from a central server in the enterprise server farm, or in third-party data center.

Logistics processes

Tracking and management of all logistic processes, raw materials, semi-finished products, and much more, "man to goods" and "goods to man".

Industrial sectors

Experiences through 25 years and more than 200 plants realized for manufacturing, distribution (multichannel, retail, e-commerce) and logistics services companies.

Flexibility and Integration

Wide functional coverage, completely scalable and parametric, easily customizable, already integrated to the most popular domestic and international ERP.

Web 2.0

Technologically advanced: SOA and Web 2.0 architecture, it's usable via Internet with all popular operating systems and databases.

Technology

Ready for use with WiFi and mobile networks, Barcode 1 / 2D, RFId, Voice, RTLS / FGS and automatic storage systems, handling and movement of the most important manufacturers.

Multi...

multi company,
multi contractor,
multi-plant and multi language.

take care
of your logistics

Infolog is a software house specialized in the design and implementation of IT solutions to manage the company's business and, in particular, the operational logistic management of the warehouse, thanks to the experience achieved in 20 years of activity and more than 200 installation in the manufacturing, distribution and service industries.

ERP and CRM solutions, along with the necessary hardware and services, complete the company offering portfolio.

Infolog actively collaborates with the major Italian Universities to jointly develop R&D activities, including the test of the most innovative technologies available on the market and an intense internship program focused to develop software programming talents.

Infolog operates at domestic and International levels, delivering logistics projects world wide.
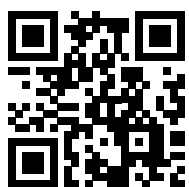
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a vargroup company

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Functionality and flows

Main flows
INTELLIMAG provides a wide functional coverage that allows the planning, execution and control of all processes commonly related to warehouse management, from receiving to shipping, raw materials, semi-finished products, finished products and much more, with "man to goods" and "goods to man" methods. INTELLIMAG includes, in one system, all management needs of different processes for different sectors of industry, product category or customer companies. Each scenario implements the right methodology to automate logistics processes. Through a sophisticated configuration of parameters it is very easy to introduce new rules, new processes for specific product categories or new customers.

Receiving
- acquisition in-bound documents (orders or receipt);
- material identification, batch, shelf-life;
- quality and quantity control; labeling;
- storage with manual or automatic assignment of locations;
- cross docking and "not available" material management.

Handling and stock control
- picking, stock and transit warehouses;
- warehouse map with fixed and dynamic locations;
- paths optimization;
- traceability of batches and shelf-life;
- serial numbers and products identification;
- permanent and cycle inventories;
- refilling, approaching and space optimization;
- storage, picking and unplanned operations;
- label's issuing and re-issuing;
- inventory adjustments;
- attributes update;

Preparation and shipping
- import of shipping lists;
- parametric simulation;
- generation of single and massive picking lists;
- assign lists to one or more operators;
- ventilation;
- picking and packing;
- LiFo, FiFo, FeFo logic;
- printing pallet labels for customers

- and carriers;
- packing list;
- loading list;
- bordereau;
- preparation and load control on trucks;
- check of loading units.

Refilling and production replenish
- import of work orders;
- generating picking lists for single or massive orders;
- refilling production warehouses "workcenters", "supermarket" and "kanban";
- returns from production;
- receiving semi-finished or finished products from production;

Regia Attiva (the intelligence)
The "Regia Attiva" system is an always-active automatic software scheduler of INTELLIMAG that dynamically optimizes tasks, automatically balances the workload, distributing and redistributing the warehouse activities to the operative resources on the basis of system parameters.

FGS (Forklift Guidance System)
Through a 2D or 3D graphical interface, similar to a GPS navigator, the FGS features provide continuous assistance to forklift's operators and real-time optimal path based on the mission's list and visual confirmation of the target location arriving and correct pallets picked up.

RTLS (Real Time Locating System)
The RTLS fetures enable the real-time location of forklifts and goods (in outdoor / indoor warehouses) through the use of GPS and/or Video Camera. Knowing the real-time positions, the "Regia Attiva" provides the distribution and dynamically optimizes the missions based on vehicle proximity to the operational locations involved. The system also provides to create a 3D mapping vision of the goods in the warehouse allowing to identify all products on the basis of their position in space, without using the traditional autoID technologies.

KPI e indicatori
INTELLIMAG provides tools that allow you to define the control panels (dashboards) differentiated by user and activities. By using indicators updated in real time (operational KPI), charts based on historic data and alarms sent automatically on critical values overcoming, it is possible to monitor the ongoing activities and analyze the executed operations, from a single station under the control of a single person.