Warehouse Director

AGI
Better Results

Industry's Most Effective and Affordable WMS

The AGI Warehouse Director WMS is a highly configurable application suitable for the most simple to the most complex distribution environments. It consists of a primary application that provides all of the advanced material handling functionality expected, along with a range of optional features. This modular approach means that implementation can take place quickly, with minimal risk and disruption to ongoing business.

Know Where it is, Move it Fast

Primary Benefits

- **Scalable**
- **Tier 1 Functionality**
- **Real time Execution**
- **Real Time Tracking**
- **Integrated to most RAS**
- **Improve Productivity**
- **Improve Accuracy**
- **Improve Control**
- **Improve Visibility**
- **Lower total cost per case**

Other AGI Solutions

- ❑ **Layer Director**
- ❑ **Load Director**
- ❑ **Voice Director**

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Real-Time, On-Line In formation
AGI's WMS updates all information in its database as changes occur. Inquiries from both PC's Mobile and Voice devices access up-to-the-second, real-time inventory data as well as order, receipt, and user status information and more. Status information is also available to the host through standard interfaces.

Extensive Integration
AGI's WMS is integrated into a wide range of host ERP, Accounting, Sales Order and Route Accounting solutions providing rapid deployment at minimal cost.

Multiple Warehouse Architecture
AGI's WMS is designed to manage multiple warehouses with each facility fully defined to the bin level. All inventory, receipts, transfers, and orders in each warehouse are managed in the same consistently efficient manner. Information on each product as well as on each location and transaction in each warehouse is available on-line in real-time.

Multiple Owner (Client)
Ideal for public warehouses, AGI's WMS tracks and manages inventory, orders, receipts, shipments, and lots by Owner (Client), allowing workers to view warehouse data by individual or multiple owners. In addition, AGI's WMS can print every inventory, receiving, and shipping report and all picking and shipping documents by owner as needed.

User Configurability
A wide range of rules and parameters, used to regulate AGI's WMS functions (such as put away, replenishment and picking) or to store frequently used standard units of measure for each case and pallet, can be modified easily by users or managers to meet changing business requirements.

Security
External access to AGI's WMS is password and security level controlled. Within the system, the security system controls access to all PC and RDT functions, and assigns access by User Group. Each User can belong to one or more Groups, providing maximum flexibility. All AGI's WMS security options can be maintained by the system administrator through simple, context-sensitive prompts.

System Directed Activities
AGI's WMS uses mobile handheld terminals and/or voice headsets to direct receiving, put-away, order picking, restocking, staging, cycle counting, and shipping functions in real-time, optimizing both facility and human resources. Because AGI's WMS incorporates and uses changes in inventory levels, orders, receipts, and worker assignments as they occur, all real-time system-directed activities respond immediately to changing conditions and priorities within the warehouse.

Dynamic Work Assignments
In AGI's WMS, work assignments are driven by the real-time events occurring in the warehouse. AGI's WMS maintains a list of prioritized work types (full pallet order picking, cycle counting, etc.) for each operator. As an operator completes a task, AGI's WMS determines the next work assignment based on overall warehouse priority, the priority of the operator's work types, and the worker's proximity (work zone). AGI's WMS also temporarily bypasses tasks that would cause movement conflicts in restricted spaces or aisles

Product Movement Rule Management
AGI's WMS System Tables can be set up to manage complex movement rules, such as assigning only narrow aisle trucks to aisle picking and conventional fork trucks to tasks outside aisles. Any number of movement rules and steps can be set up to automatically manage the flow of product through various types of locations in the warehouse.

Activity Tracking and Audit Trail Creation
AGI's WMS tracks and records all product related activities occurring in the warehouse. In addition, non-inventory transactions can also be tracked. Each transaction is date and time-stamped and can be accessed and displayed by transaction type, user ID, product code, or other parameters. Information displayed includes date, time, owner, user, location, item, quantity, pallet and carton ID, and lot. Any portion of this transaction information can be uploaded to the host system.

Receiving
Inbound goods can be received in many different ways (blind, PO, return, MFG, or user defined), using either RDT's or PC's. Using multiple UoM's and pallet identity numbers allows entire pallets or trailer loads to be received with a single scan.

Put away
Algorithms can be set for individual products or groups, allowing sophisticated placement strategies to be put in place. Goods can be pre-labeled for AGI's WMS. All inventory movements are recorded in the database, making full traceability of all material movements possible.

Cycle Counting
Stock checking tasks can be automatically scheduled or manually generated by a product, area, etc. Continuous, real-time counting means that there is never a requirement to suspend operations for stock checking.

Inventory Control
Stock accuracy is greatly improved due to the real-time operation of AGI's WMS. All inventory movements are recorded in the database, making full traceability of all material movements possible.

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Picking
AGI´s WMS selects the most appropriate inventory to be picked to satisfy shipping order requirements based on product rules, location rules, and UoM. Replenishment tasks are automatically generated to keep pick faces in stock.

Task Management
Tasks can be grouped in various ways (for example, by customer, area, or type) and groups of tasks can easily be put on hold or released in real time. By clicking on any task, users can obtain further information relating to it.

Quality Assurance
AGI´s WMS can automatically divert inbound inventory for quality checking based on rules related to inventory type or supplier. It also allows operators to manually flag stock that shows a quality problem. Where product is to be returned, operators can create orders to do this. Complex returns handling and QA check stages can be built in.

Vehicle Loading
Where many warehouse management systems stop at order shipment, AGI´s WMS controls goods movement onto delivery vehicles and coordinates this with other tasks such as picking and packing. This allows orders to be picked to later deadlines and then loaded in reverse drop sequence. The system also checks shipments for completeness and accuracy right up to point of placement on the vehicle.

Multi-Site Operation
AGI´s WMS can be set up to manage multiple distribution centers with a single system. This has cost, operational, and technical benefits over using a separate WMS at each site. The system's hallmark flexibility remains intact: every site can be run independently, in line with its own operational requirements.

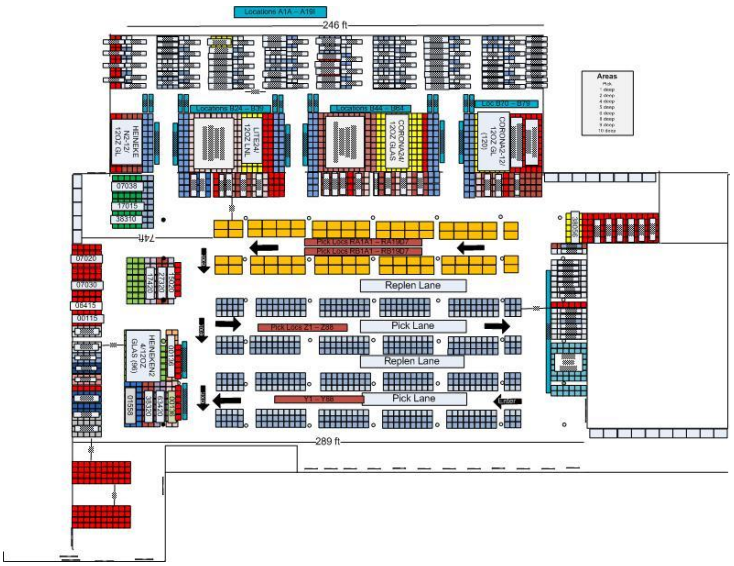
Velocity Management
The Velocity Manager regularly calculates the speed of movement of SKU´s in the warehouse and uses this information with details of physical attributes to dynamically alter the areas where each SKU is stored and picked. As Velocity Manager does this in real time, inventory is always stored in the most appropriate location even as demand changes. This means that the fastest moving items in the warehouse will always be located closest to the picking area, reducing travel time during replenishment as well as in the picking process itself.

Volumetric Picking
The system can propose picking or packing containers of the correct number and size, depending on the order being picked. This reduces packing waste and eliminates the need for repacking before shipment.

Web Access
Web Access uses the Internet to allow the option of secure, remote access to AGI´s WMS. Many warehouses still operate as stand alone entities, where users can only log on the WMS via PC´s; although increasingly, supervisors and managers need to log on remotely using a browser. With web access this is a straightforward process, but the greatest benefits of web access accrue when information is shared with those outside the company to give suppliers visibility of their inventory as part of a VMI program, or to give customers a real-time view of stock availability or order status. In such cases, web access provides totally secure access to AG I's WMS.

Building Replenishment
AGI´s WMS has the ability to move stock from Building A to Building B. By setting up the minimum amount of stock that can be stored in Building B, the WMS can track when stock needs to be replenished in that building.

In process Tracking
AGI's WMS offers the ability to view the progress of orders that are being used for picking and allows orders to be released to the floor for picking as docks become available. Additionally, real time performance monitors in the facility display various performance metrics important to productivity.



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