

IWS WAREHOUSE SOFTWARE



HOW DO YOU MINIMIZE THE RISK OF IMPLEMENTING A WAREHOUSE SYSTEM?

- ✓ Use a product that integrates warehouse management and warehouse control functions into a single software package
- ✓ Use a product that can be configured and evaluated before implementation
- ✓ Use a product with a wide range of operational features
- ✓ Use a product with real-time visibility of warehouse operations and progress
- ✓ Use a product that is highly configurable to avoid software changes
- ✓ Use a scalable product that can fit the operation you have today and the operation you will have in years to come
- ✓ Use a product that can integrate a full range of automation products from a wide range of suppliers
- ✓ Use a product that can be implemented and supported by others as well as by the authors to avoid dependency on a single supplier
- ✓ Use a supplier that can offer a full 24 by 7 online help desk
- ✓ Use a product that runs on standard servers and PCs running the familiar Microsoft Windows operating systems
- ✓ Use a product that is based on a market leading relational database
- ✓ Use a product built on Microsoft .NET 2.0 Framework that provides a fast, stable software environment with well tested components
- ✓ Use a product developed by some of the most experienced warehouse system designers available
- ✓ Use IWS from Invar

INCREASE THE EFFICIENCY AND ACCURACY OF YOUR WAREHOUSE

INVAR SYSTEMS SPECIALIZES IN COMPLETE SOLUTIONS THAT HELP COMPANIES LIKE YOURS IMPROVE THEIR CUSTOMER SERVICE AND COMPETITIVE EDGE

Functionality and features

IWS provides a rich set of warehousing and distribution features and is easily configurable to match the requirements of a wide range of users. Configuration offers scalability to suit both large and small businesses with the ability to change and grow as your business evolves. IWS functionality includes:

- Pre-receipt processing
- Goods receipt and stock recording
- Automatic location selection
- Put away of received goods
- Cross docking
- Reconciliation of received goods
- Outbound load planning
- Outbound order management
- Wave planning and release
- Task management
- Man to goods order picking
- Goods to man order picking
- Bulk movements
- Outbound load assembly
- Outbound processing
- Proof of delivery
- Pick face management
- Dynamic and static pick slots
- Forward reserve management
- Pick face replenishment
- Perpetual inventory
- Inventory checking
- Prediction of wave/load/order completion
- Host interfaces
- Multi-site
- Multi-client
- Multi-lingual

Automation

IWS provides comprehensive support for automation, either initially or as low risk upgrades, including:

- ASRS pallet and mini-load cranes
- Conveyors
- Sorters
- RF truck mounted and hand held terminals
- Voice input/output

An integrated SCADA provides a graphical display of equipment status and performance.

Automation emulation

IWS includes integrated graphical emulators for all automated equipment to allow testing and evaluation to be carried out in real time.

Configuration

IWS is set up to match your requirements using the extensive configuration features integrated within the product. Reduced installation time provides early availability for demonstration, testing, and training.

The configuration can be changed at any time to alter the operation and/or add new functionality to adapt the operation to suit new business requirements.

Custom data fields can be added to all relevant data tables to enable your specific data to be captured and reported. New data fields are fully integrated into the system and can, for example, appear on appropriate screens, be included in decisions, and be added to reports.

Some of the other areas of configuration include:

- Site layouts; both internal and external
- Units of measure
- Tasks and workflows
- Handling equipment
- Users and roles
- Events and event handling
- Order and Shipping documentation
- Printers
- Movement routes
- Inventory checking rules
- Label layouts
- Reports

Label and documentation printing

The graphical label designer included in IWS allows label layouts to be quickly defined and changed as required.

The report designer included in IWS allows the standard reports to be customized and new reports to be defined as required.

Work Completion Prediction

An integrated discrete event simulator is used to predict work completion times and show resource bottlenecks. The user can quickly see the effects of resource changes.

Product approach

IWS is a highly integrated product solution that minimizes start-up and support costs by removing software development from the project timescale. This reduces the implementation time and lowers costs and risk. Regular product upgrades provide enhancements, and support for new operating system versions.

Scalable

IWS is suitable for use in all types of operation from small simple warehouse to complex and multi-site operations. Using the configuration features, the system can start small and grow to handle multiple storage areas, complex picking operations and automation. For existing operations, scalability offers the option of a phased rollout.

Upgrades

IWS is a product with regular upgrade options to allow improvements and new features to be added, and for new hardware and operating systems to be supported. No more legacy systems and costly major upgrades to impact your business.

Scope of supply

Invar Systems can provide whatever scope is required from a software license only to a full turnkey system installation.

Resilience

Resilience to hardware failure can be provided by using multiple servers with real time database replication and automatic failover.

Hardware

Using standard Servers and PCs, the hardware and operating systems can often be supported by internal IT groups. Multiple servers can be used to provide additional performance.

IWS supports all popular hand held and truck mounted RF terminals.

IWS includes drivers for a wide range of label printers, including automatic printer/applicators.

Full implementation support

Full support throughout the project is offered to ensure a successful implementation including:

- System configuration consultancy
- Hardware and software installation
- Integration with automation and other systems
- Training
- Early life support and assistance
- Full support service
- Product enhancements and upgrades

Help desk

Invar Systems offers comprehensive support contracts providing up to 24 by 7 cover via the on-line help desk.

IWS support and maintenance contracts include product upgrades and future releases.

The configurable product approach of IWS offers clients the possibility of using their existing IT support facilities for first level support. Invar can provide second level support where this is required.

.NET 2.0 technology

IWS is built using the Microsoft® .NET 2.0 Framework. This flexible platform makes it easier to build, manage, deploy and integrate applications and allows IWS to operate and be managed within an existing IT environment.

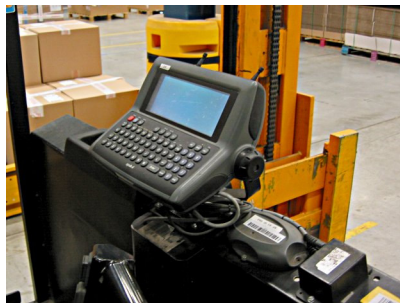
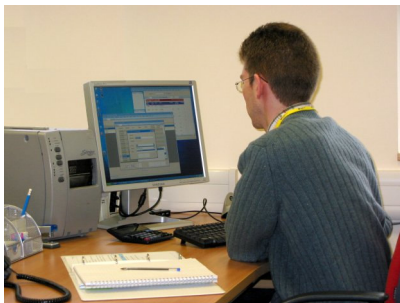
Other services

With best of breed partners, Invar Systems can provide logistics consultancy, project management, PLC programming, electrical installation, equipment supply and equipment maintenance, etc.

Contact us today!

Let us demonstrate how IWS can provide you with an efficient and robust warehouse solution

<http://www.invarsystems.com>



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