WISE WMS

Warehouse Integrated Systems Environment

The key to managing your warehouse.

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MANAGING YOUR WAREHOUSE THE WISE WAY

The Total Warehouse Management Tool

The integrated design of WISE delivers a level of control that was previously only available on some high end expensive systems.

Take Control of Your Warehouse

WISE runs on a typical network through RF terminals and workstations situated in key areas of the warehouse. Although WISE can be linked to your other computer systems it operates independently to give you precise control over your inventory.

Control Your Inventory

Every stock movement is tracked by WISE so the opportunity to misplace stock is almost eliminated. Even if a pallet is placed into the wrong slot the error is soon realized.

Every stock movement is recorded together with a host of information which can be interrogated using multiple search keys.

The time needed to count stock is more than halved and variations are few. Full stock takes can be replaced by regular cycle counts. Automatic rotation and reporting of 'close to code' stock eliminates losses due to human error.

Major Features

- Automatic or manual allocation of received stock to locations
- Scheduling of customer's orders
- Varied picking modes
- Automatic or manual replenishment of pick slots
- Order entry
- Returns control
- Bill of material
- Automatic or manual confirmation for invoicing
- Stocktaking and cycle counting
- Random (catch) weights
- EDI and advance ship notes (ASN's)
- Pick and pack systems
- Consignment allocation
- Automatic manifesting with interface to all major transport companies
- Freight costing
- Multiple clients
- 3PL billing
- Real time visibility via RF and internet services
- Product performance monitoring
- Staff performance monitoring
- IFOT and KPI tracking
- Order progress tracking
- Comprehensive reporting

WHY CHOOSE WISE?

- WISE was designed by experts in the distribution industry. We constantly add new options to keep up with our clients needs.
- Your staff are trained by a distribution planning professional, not just someone who knows how the software works.
- WISE is robust, reliable and extremely easy to use. The system was designed for warehouse staff who don't have to be computer literate.
- The cost is relatively low for both the software and the hardware.
- Access to 24/7 support which is excellent (just ask our customers).
- We have a growing installed base of high profile customers.
- WISE is continually being upgraded to take advantage of new technology.
- Installation and training not only applies to the software but to it's integration within the physical warehouse environment and procedures.
- On-going costs are low.
- We have a flexible pricing solution policy to suit the requirements of both large and smaller companies.
- The system is built on a modular basis so you only have to buy what you need.

Interactive Receiving

The WISE receiving system ensures that you get exactly what you ordered. You can receive goods against a purchase order, stock transfer, by RF, without any document or, just scan individual (bar coded) carton directly into the system. Each pallet, carton or lot of stock is uniquely identified before it is put away.

Checkers are forced to validate each product's "Use By" code life, (if applicable) before it can be received. Additional special information can be notated to each pallet (or lot) of stock. Stock that is being checked but not yet available for picking can be readily seen on an item inquiry.

A direct interface with the accounts payable system is available so that purchase order receipts can be automatically confirmed for payment. Stock can be received and made available for picking immediately after checking. Efficient utilization of warehouse space may save the cost of rebuilding or allow for a higher volume of investment stock to be purchased. Fork driver man hours and fork travel are substantially reduced. The available storage capacity of a warehouse can be readily seen. This information is invaluable during peak trading periods.

Receive Stock in Many Ways

Receive stock via RF or workstation against the following transactions and more:

- Purchase orders which were transmitted to WISE from another system.
- Purchase orders which were created in WISE.
- Branch transfers which were transmitted from another system.
- Branch transfers which were created in WISE.
- Work orders which were transmitted to WISE from another system.
- Work orders which were created in WISE.
- Customer Returns

Stock Automatically Released when Confirmed into the Slot

Once received, stock can be 'frozen' until it's confirmed as being placed into the designated slot when it is automatically released for picking.

Put Your Stock Away Automatically Using Pre-Defined Paths

Path control allows specific put away instructions to be tailored to suit the physical configuration of a warehouse.

A set of path instructions can be linked to a key field which defines the product or the characteristics of a range of products. WISE uses these keys as the link between the product to be put away and the relative path instructions.

Path Control Keys

- The product
- The owner (3PL client)
- Product group
- Product category
- Aisle and bay
- Aisle
- Type of transaction

This option allows infinite control over the way in which the system puts the stock away. The path instructions can be set once, and rarely looked at again. Alternatively, in the case of an ever-changing warehouse environment, they can be updated regularly. This facility provides the key to full utilization of the cubic capacity of the warehouse.

Mixed Pallets

Special options allow for mixed stock to be received and stored on the same pallet. Each lot of stock has it's own identifying sscc bar code label allowing it to be tracked independently of the other stock on the pallet.

Cross Docking

Stock can be received and picked from the dock using one of a number of cross docking methods.

Random Weights

WISE controls random weight (catch weight) products from receipt to dispatch. Inventory is kept in units, cases and weight. All RF options support random weight controls. You can scan individual cases to accumulate the weight and quantity both on receipt and picking.

Schedule your Customers' Orders

Orders can enter the WISE order processing pool from a number of sources:

- A host order entry system via the WISE interface
- EDI
- The WISE order entry system
- Direct transmission from a client
- Via web access

Once in the orders pool they can be sorted, filtered, prioritized, scheduled and released for picking.

Orders can be consolidated for picking by route or bulk picking of a large number of small orders. Combining multiple orders for the same customer saves picking and delivery costs.

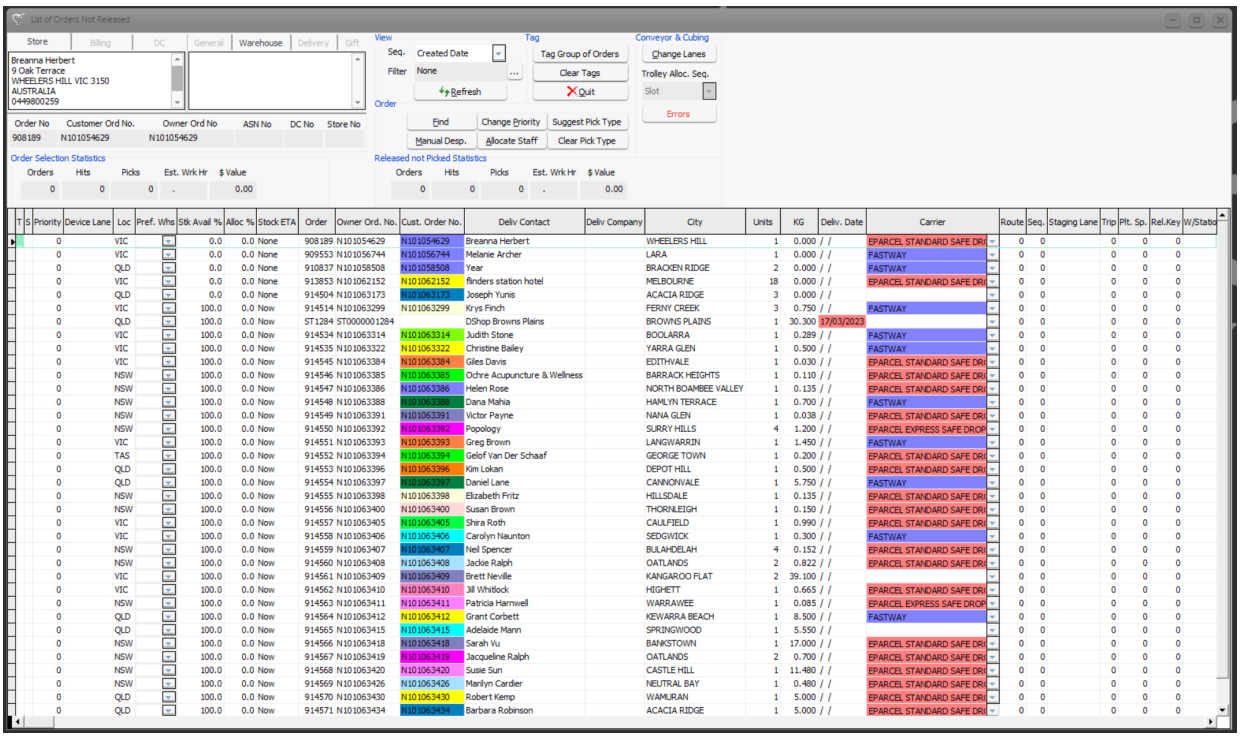
Selection for Picking

Orders can be selected for picking based on a number of criteria. You can preview the allocation of stock before the order is released for picking. The service level of every order is displayed after selection.

Orders are released for picking in waves which allows for ease of tracking.

Selection Criteria

- A single order
- By destination plus shipping/delivery date
- By route
- By customer
- By owner (3PL client)
- The store orders in an ASN group
- Priority
- Carrier



Automatic or Manual Allocation of Stock

You set the parameters and WISE does the rest. Allocation parameters can be set globally, for an area, a product or a customer. WISE can make the decision as to which pick slot should be used, based on the characteristics of the quantity ordered, i.e. full case, split case dangerous goods etc.

If you don't use pick slots, stock will be allocated from floating reserve slots in the desired rotation sequence.

Stock can be manually allocated to any line on an order by simply listing the available stock for the item and selecting the required stock record.

Batch Tracking

WISE can enforce full batch and lot tracking which takes the pain out of stock rotation and retains a full history should a recall become necessary.

Stock can be automatically allocated to specific customers based on the batch number of the product.

Allocation of Carrier and Consignment Note Number

WISE can automatically allocate carriers and consignment note numbers to orders when they are released for picking. This ensures that the correct tracking information is printed on the case and pallet labels.

RF Picking from Carton Live Storage

Multiple Picking Modes

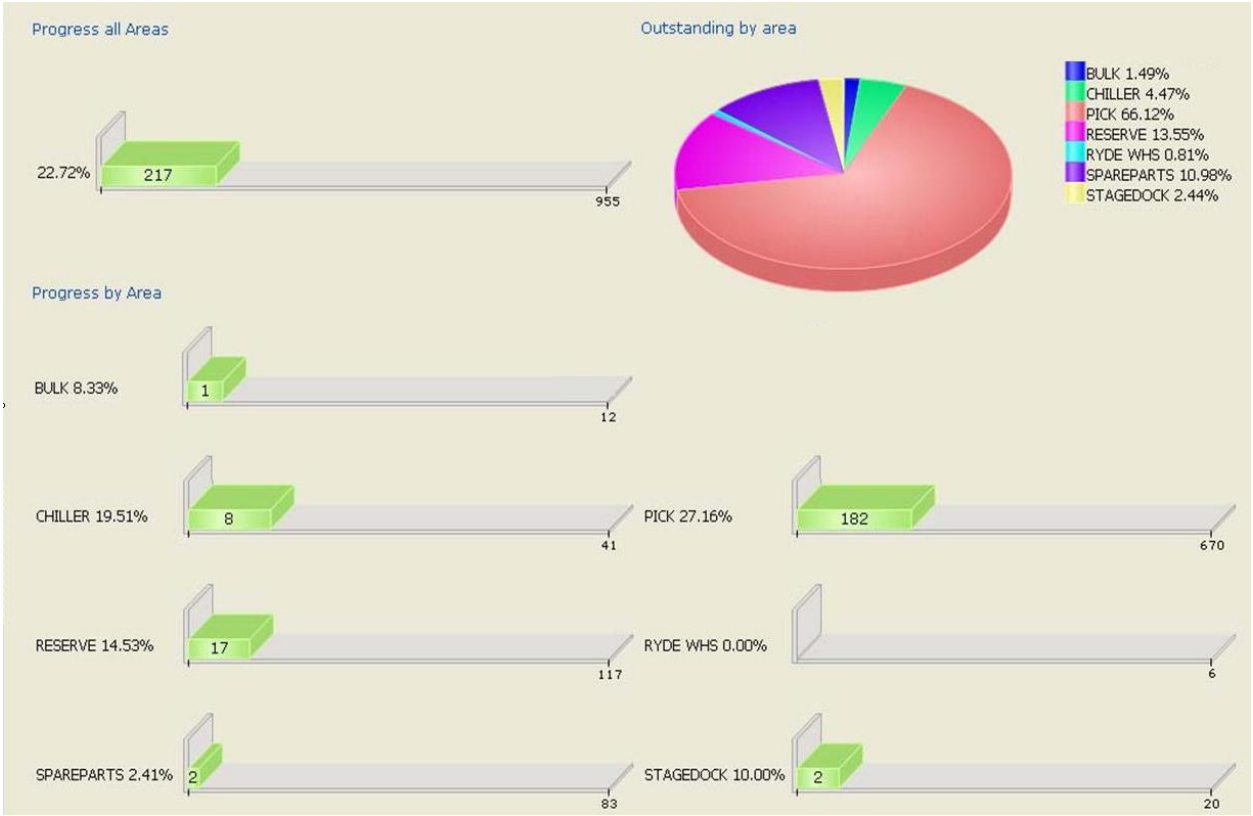
In today's cost conscious environment it's unlikely that one method of picking will suit your operation. You can split your warehouse into multiple areas with each configured to the characteristics of the products being stored and picked. A simple example would be to separate split case and full case picking into different areas.

WISE has all the picking options you will need such as order batching and consolidation, as well as support for hardware options such as pick to light, pick to trolley and voice picking. Interfaces are available for Siemens PickDirector and Dexion's RDS conveyer and picking systems.

You can increase your productivity and not spend a fortune by using our low cost 'Pick to Trolley' option. This system uses standard RF terminals and a generic trolley.

Tracking the Progress of Orders

Although a customer's order may be picked in multiple areas there's no problem in tracking it's progress to ensure that it's complete and consolidated before the carrier arrives.



Order Tracking Stages

Each order is time and date stamped at defined points along the way from receipt to dispatch.

- Order receipt
- Selection for picking
- Case labels printed
- Picking commenced
- As each item is picked
- End of Picking
- QA
- Ready for invoicing
- Scan to carrier
- Scan to truck
- Manifest created
- Scanned to Carrier
- Loaded
- Dispatched
- Delivered (via Carrier consignment interface)

Picking Slips

Although WISE has been designed as a paperless system, you can print picking slips if you wish. This is a necessary feature if you're not planning to use RF terminals.

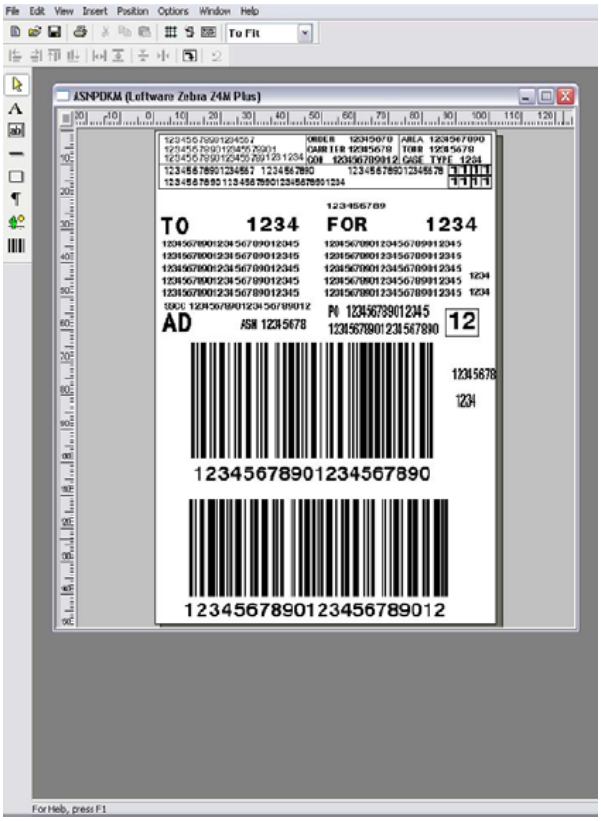
Labels

WISE comes with a fully featured bar code label design and printing system.

You will be supplied with the design files for all of the labels you will need. These include ASN labels which comply with the requirements of all the major retailers, (GHPL, Kmart, Coles, Myer, Target, Big W, Safeway etc.).

It's easy to modify these labels or create new labels for any purpose.

The system supports a vast array of label printers. Labels can be directed to a local or network printer.

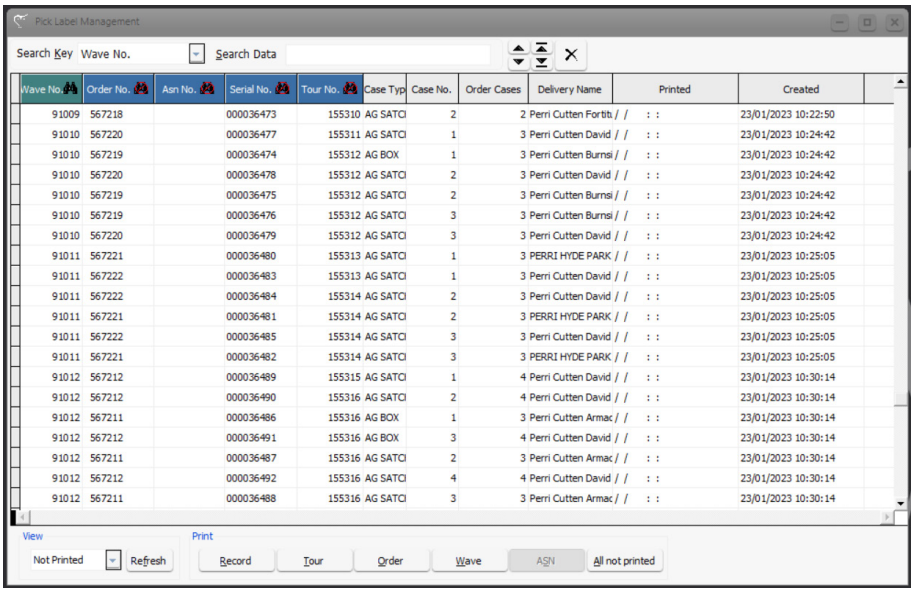


Label Print Server

WISE comes with two local print modules, (i.e. one label design and one print only) which allows concurrent printing to two label printers. If you need more than two printers the WISE Label Print Server is available.

You Control When Case Labels Print

The label print management system automatically saves picking label data and allows for case label information to be held until you're ready to start printing. You can selectively print the labels you want. This saves time sorting through masses of labels.



Customer Pallet Labels

Some customers require specific pallet labels to be printed (one label for each product on a pallet). Most follow the standard set by Woolworths. These labels can be printed when an order is released, or after the goods have been picked. The labels can be scanned during picking if the information needs to be sent to the customer via EDI.

Carrier Manifest

WISE provides a carrier manifesting system which ensures that all of the picked stock is scanned and confirmed ready for the carrier. A manifest can be created and transmitted to the carrier. This system supports all of the major transport companies.

Automatic Pick Slot Replenishments

Pick slot replenishments can be automatically triggered when required or on demand using an RF terminal. They can also be generated to fill a range of slots on a planned basis i.e. to fill the picks slots before the next picking shift begins.

The status of an outstanding replenishment is checked every time that stock is picked from the slot. Priority replenishments are automatically moved to the top of the list so they can be completed before sales are lost.

Stocktaking and Cycle Counting

Whether it's a full stock take or a cycle count, WISE has a host of features which make the task easy to manage. Although the system works best if you have RF terminals, you can still use paper if you wish. Paper and RF counting can combined if you don't have enough RF terminals to carry out a full stock take.

The advantage of using RF terminals is that you can cycle count while picking is in progress. You can even have the picker or replenisher count the stock in the pick slots it falls to a predetermined level. Details of every count is stored with the counters name, the quantity counted, the stock on hand and the time and date that it was counted. You can set the period between counts and this can vary depending upon the error rate.

Resolve Problems using Detailed Transaction History

WISE saves a record for every major transaction which occurs in the system. This includes receipts, adjustments, stock moves, picking, pick slot moves, product etc.

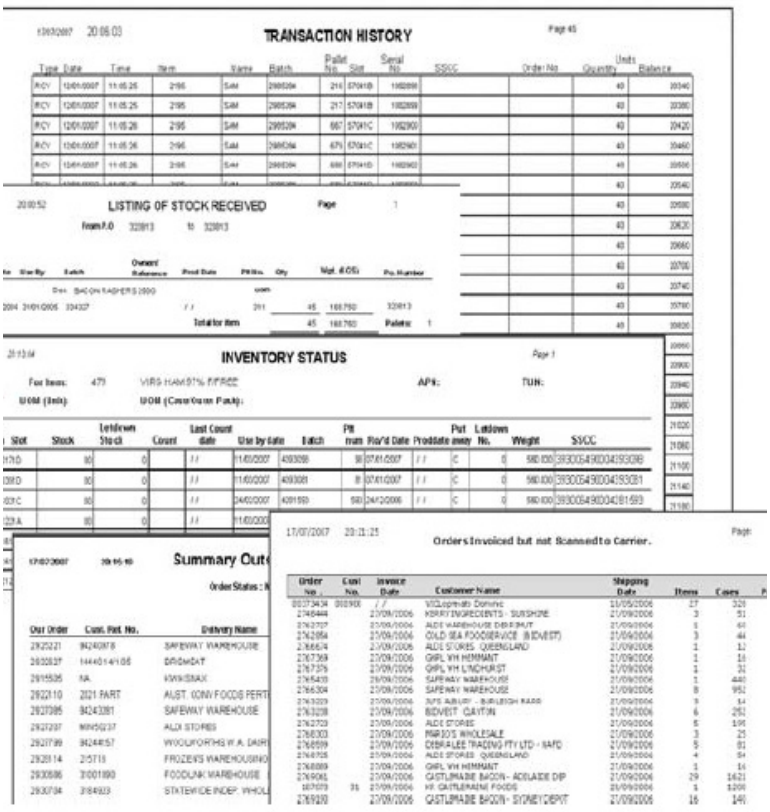
This information is particularly useful when it comes to resolving queries. Inquiries can be made on a multilevel bases with the results being printed or exported to a spreadsheet for further analysis.

Print or Export Data from an Extensive Range of Reports

A full selection of reports is available to meet all of your requirements. These reports cover all facets of the system's operation.

Topics Covered by Reports

- Slots
- Orders
- Receipts
- Stock
- Performance
- Freight
- Customers
- Products
- Staff
- System
- History
- Maintenance
- Cross dock
- RF
- Sales
- Statistics



The information which appears on the reports can be exported to a spreadsheet, a word processing file, a PDF file or emailed. Reports can be automatically produced and emailed based on a schedule or system events using the auto report generator.

Export Data Directly from the WISE Database

Data can be exported from all of the major WISE databases to a file format of your choice. Only the required fields need be selected or you can export the lot.

Use the Extensive RF Menu

All of the functions which appear on the RF terminal menu have been specifically designed for the small screen. Only the information which is relevant to the task is displayed. Large fonts can be used and responses are restricted to a few simple key strokes or the scanning of a bar code. WISE supports all brands of RF equipment.

The great advantage of using RF equipment is that every activity is done in 'real time'.

The details of every transaction is recorded immediately and the system's stock on hand figures always reflect the actual physical stock balances in every slot.

You don't have to buy the most sophisticated and expensive terminals to participate in the benefits of using this equipment.

RF Options Include:

- Inquiries
- Pick slot replenishments
- Picking
- Receiving
- Put away confirmation
- Stock moves
- Stocktake and cycle counting
- Inventory adjustments
- Freeze (hold) stock
- Staging
- Scan to carrier
- Truck loading
- Product maintenance

Key Performance Indicators

The activity monitoring system collects and summarizes all warehouse movement information. This information can be displayed, printed or exported in a number of formats.

Staff Performance

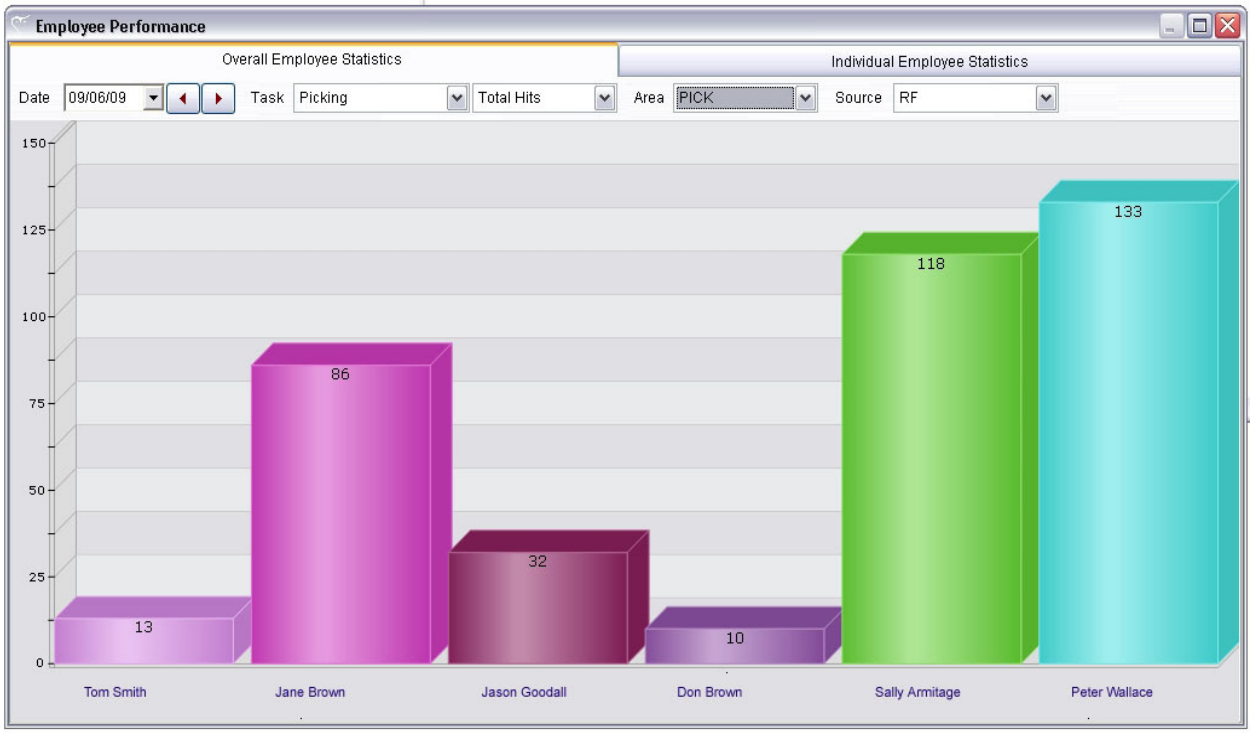
Every transaction is recorded with the name of the person who did the job together with all other relevant information and the time and date. This information is analyzed by the staff performance monitoring system to provide an accurate picture of each individual's performance

Formats include:

- In full and on time
- Daily activity
- Key performance indicators
- Service level by customer
- Service level by product group
- Dispatch performance
- Staff performance
- Forecasting
- Stock movement

Staff performance can be compared in report or graph format. Information can be filtered by warehouse area and activity. It can be expressed as hits, unit picks, case picks, hits per hour, picks per hour (case and units) etc.

Workstation and RF activity can be analyzed and displayed separately.



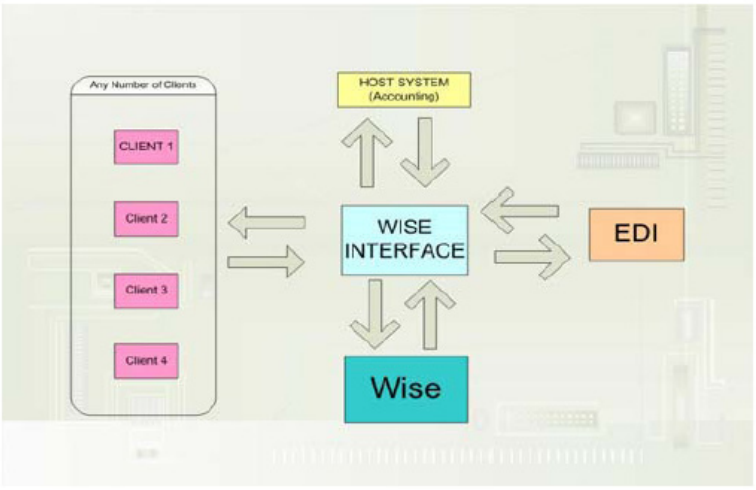
Communicate With Other Systems

WISE has an interface system which can communicate with other systems. In most cases this means a link to your host accounting, order entry and MRP system. We have a wealth of interfacing experience with a wide range of systems including Microsoft Dynamics AX, SAP and JD Edwards.

WISE can also receive and send information via EDI for compliance with all the major retailers.

WISE communicates with multiple clients, which is handy If you're running a contract warehouse.

The stock balances in your host systems can be kept up to date with that in WISE because the interface allows for stock transactions to updated in real time. When an order is dispatched the details are immediately transmitted to the accounting system so an invoice is printed. This process is transparent to the user.



Web Extensions

If you run a contract warehouse and have multiple clients those clients will want access to the system. The WISE web extensions give clients the following facilities:

- Enter customer orders
- Enter purchase orders
- Check on the status of customer orders
- Monitor inventory levels
- Consignment tracking
- Print a range of reports

Communicating with Your Freight Company

WISE can prepare manifest files and labels suitable all major Australian freight companies including as TOLL, Star Track Express, Vic Express and WA Freight. The file can be sent as soon as the relative orders are made ready for the carrier.

SUMMARY OF WISE FEATURES

Customer Orders

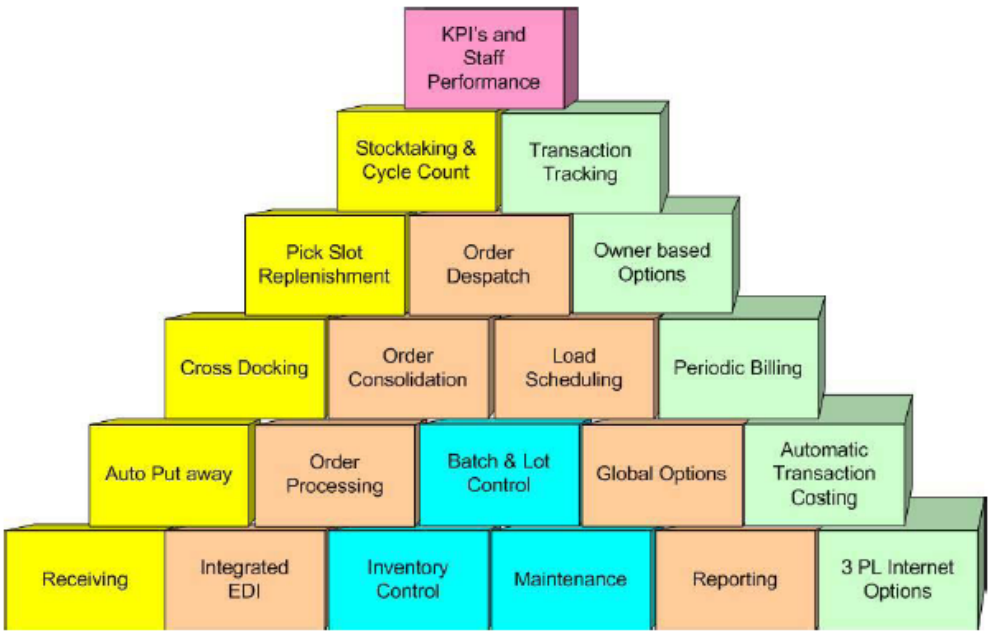
- Order Entry.
- Interface to Host System.
- Consolidation of Orders.
- Automatic allocation of stock to orders.
- Wave Control.
- Case Cubing (for pick to trolley or conveyer).
- Cross dock options.
- Accepts all EDI ASN orders.

General

- Supports Multiple warehouses.
- Automatic Timed Maintenance.
- Label design and Printing.
- Runs under Windows 2012, 7 or later.
- Database Export.
- RF for all major activities.
- Interface to Host Systems.
- Support for SAP transactions.
- Multi Level Security.
- Container Park Management.
- Table based control of all options at multiple levels.
- Bill of Material system to create Work Label Print Server.
- Orders for product conversion.
- Credit Returns system.
- User Defined Windows

Inventory Control

- Multiple Units of Measure.
- Batch and Lot Tracking.
- RFID enabled.
- Multiple Stock Rotation Selections.
- Supports random weights.
- Product Recall.
- Transaction Tracking.
- Stock and Cycle Count.
- Cycle count during picking and/or replenishment.
- Multiple reason code with host system compatibility.
- Stock Hold/Release controls.
- Support for wide pallets.
- Simplified Pick slot move and Relay system.
- Automatic and manual Consolidation of Stock Records.
- SSCC licence plate.
- Auto QC and QC Release
- Product minimum life tracking



SUMMARY OF WISE FEATURES

Receiving

- Receive via RF and Workstation
- Automatic or manual selection of locations.
- Mixed pallets.
- Full support for scanning of EAN bar codes.
- Distributed printing of bar coded labels or RFID labels.
- Automated or manual 'hold' when stock is received. Can be released when confirmed into the slot.
- Purchase Order Entry.
- Returns Processing.

Picking

- Multiple Warehouse Areas and Zones with their own options.
- Picking Slips or Paperless
- Radio Frequency or Workstation based picking.
- Order Cubing.
- Scan Pick and Pack.
- Pick to Trolley.
- Pick to Conveyer.
- Voice Picking
- Batch Splitting.
- Customer configured options (TI Hi, minimum Life at Delivery etc.)
- Interface to 3rd party automated and voice picking equipment.
- Multiple Cross Dock Methods
- Multiple options to recognise correct product.
- Option for 'One scan = 1 UOM picked'
- Case and unit picking.
- Automatic allocation of Priority based on user defined expressions.

Replenishments

- Automatic generation of replenishments.
- RF generation of replenishments.
- RF confirmation.
- Workstation options for generation of replenishments.
- Ability to modify the system generated quantity to let down.
- Automatic setting of priorities.
- Ability to create replenishments in the manner of a 'shopping list'.
- Interface to automatic palletizing and labeling machines.

Freight Management

- Allocation of Orders to Trucks
- Freight Costing
- Manifesting Systems.
- Automatic allocation of Consignment Notes.
- Electronic interface to transport companies.
- RF Scan to Carrier
- Pre-Manifest checking system.
- RF Scan to Truck.

Contract Warehousing

- Multiple Client Support
- Billing System
- Web Client Extensions
- Movement Tracking

IT'S YOUR CHOICE

The WISE warehouse management system is reliable, very flexible and inexpensive. It has and enviable track record with some notable companies. It doesn't matter what type of business you run we can demonstrate how you can improve your warehouse efficiency with the help of our software.

WISE CLIENTS INCLUDE

APA Olsen Pty Ltd
Keilor Park VIC 3042

BPM Australia Pty Ltd
Mount Kuring-Gai NSW 2080

CBM Group
Kilsyth VIC 3137

Direct Mail Corporation
Heidelberg West VIC 3081

DShop
Clontarf QLD 4019

efm warehousing
Dandenong South VIC 3175

ESR Group Holdings Pty Ltd
Keysborough VIC 3173

Ladelle Group
Rowville VIC 3178

Madras Link
Preston VIC 3072

Mambourin Enterprises Ltd
Derrimut VIC 3030

McPhee Distribution Services
Somerton VIC 3062

Mills Brands Pty Ltd
Seven Hills NSW 2147

Selby Acoustics
Hallam VIC 3803

The Modern Furniture Store
Fortitude Valley QLD 4006

Viking Cargo
Smeaton Grange NSW 2567