



ERP123 Fact Sheet



What is ERP123?

ERP123 represents a new and innovative approach to ERP systems designed to deliver the optimum business software solution to your company while reducing implementation cost and eliminating the typical risk factors associated with other ERP systems.

ERP123 is not just another software system. Its unique combination of end-to-end, highly configurable ERP software and over 40 hours of multi-media training allows you implement your business solution easier and more cost effectively than ever before. ERP123 is something that any size business can manage and afford.

Yes, the price is right. But how good is it? ERP123 is functionally superior to any product in the same price range. But it doesn't stop there. ERP123 will compete feature-to-feature with other well-known ERP package that are significantly more expensive.

Fact



Wins contracts when competing against more expensive ERP products:

- SAP Business One
- Navision
- Visual Manufacturing
- Epicor
- Great Plains
- M1
- AccPac

Fact



Metal Fabrication

- Automotive
- Appliance
- Chemicals
- Continuous process
- Injection Moulding
- Furniture
- Electronics and other devices
- Promotional Products
- Value-added logistics
- Warehouse Management

Fact



SUITABLE FOR USE IN:

- Warehousing/Distribution
- Repetitive manufacturing
- Custom manufacturing
- Project-based manufacturing
- Engineer-to-Order
- Make-to-Order
- Value-added logistics
- MRO
- Other services

If you're considering ERP for your business you will find it hard to beat the overall value that ERP123 provides.

And its virtually risk free. Our unique acquisition process will allow you to determine the suitability ERP123 by exploring it in detail while we perform a free analysis of your business requirements. Your results are guaranteed. Ask us how it works.

IntegrateIT provides the most innovative approach to comprehensive ERP solutions in the world today. Their mission is to continually reduce the delivered cost of ERP while continuously improving the customer experience. Our team of business and technical specialists position us uniquely to meet all of your strategic goals...guaranteeing ERP success for your organization.



Flexible, Affordable, Comprehensive



OVERVIEW

ERP123 provides a full financial package that can handle the most intricate of accounting needs. Accounting is completely integrated with purchasing, sales, inventory, and product costing systems ensuring single point entry and the ultimate in real-time transaction automation. Data corrections are made easily and efficiently throughout the system.

Features include:

- Real-time WIP, COGS, and inventory valuations
- Real-time or batch posting
- Accounts Receivable fully integrated with Sales and Shipping
- Accounts Payable fully integrated with Purchasing and Receiving
- Unique "UNDO" feature that automates corrections

GENERAL LEDGER (GL)

The GL module is the center of all aspects of the financial process within ERP123. ERP123 provides a multi-tier chart of accounts that gives you virtually unlimited chart configurability. Accounts carry groups and departments for reporting purposes. Detailed drill-down functions provide summary or detailed views of transactions. Other features include:

- Perpetual GL with no data consolidation or archiving
- User definable flexible periods and period controls
- Multiple periods can be simultaneously open
- No period end freezes
- Account and financial categories allow user to control standard financial report layouts
- Batch or real-time posting of transactions
- Recurring and reversing journal entries based on user-definable templates
- Multi-currency with time-sensitive exchange rates
- User definable taxes and rates
- Choice of standard statements and balance sheets
- Budgeting
- Wide variety of analysis reports

COSTING

ERP123 provides a variety of highly flexible costing processes that can be combined to meet the needs of any manufacturing, distribution, or project-based environment. Features and available processes include:

- Five simultaneously tracked costs at Item Master
- Selected cost treatment for each item controls inventory, WIP, and COGS transaction method in GL
- Standard or rolling average raw material costing
- Landed cost factors for freight, duty, brokerage, adders
- Purchase price variance against standard cost
- Manufactured standard costing based on BOM/Routing
- Actual manufactured cost based reported material consumption and booked labour (Job cost)
- Various overhead calculation methods
- Mass cost rollup based on product structure levels

ACCOUNTS RECEIVABLE (AR)

The Accounts Receivable system is fully integrate with the sales and customer modules to automate the generation of invoices and assist you in controlling and expediting your receivables. Application of payments is highly flexible including the ability to offset AP with AR.

It includes a variety of reports including statements, aging, and projects cash flow. Features includes:

- Invoice generator that batches creates invoices based upon shipments
- Shipments not yet invoiced are accrued
- Credit Management via Sales Order and Credit Watch functions
- Invoice batch printing
- Invoices can be printed to paper, email or fax
- Freight sales management
- Term discounts and unauthorized discount tracking
- Point of sales processing using SO Retail or standard POS module
- Supports deposits
- User-definable pay terms
- Commission management
- Supports surcharges
- Track delinquent payment data in detail and display on aging report
- Variety of customizable analysis reports including aging, customer history, accrual analysis
- Contract payment schedules
- Credits integrated with returns management
- Surcharge processing

ACCOUNTS PAYABLE (AP)

The AP module delivers the tools you need to efficiently process suppliers' invoices and payments. It completely integrated with the Purchasing and Receiving modules and supports three-way matching. Features include:

- Purchases are accrued upon receipt
- AP invoice creation reverses accruals and generates variances
- Easily manage small discrepancies
- Auto-Pay automated payment run by currency with integrated pre-approval process
- AP Payment module for single, complex payment processing
- Simple and effective management of prepaid amounts
- Miscellaneous payments can be made without creating invoices or suppliers
- User-definable terms and discounts
- Process invoices from multiple locations for centralized payment
- Check reconciliation and check register by currency
- Variety of analysis reports including aging, vendor history, accrual analysis

OTHER FEATURES

- Project-based revenue recognition system moves revenue and expense to P&L based on job complete%

ITEM MASTER

The ERP123 Item Master is your product database. This central system module feeds its data to every other system module that requires item data. The Item Master contains a huge range of data about each of your products including:

- Detailed descriptions and multi-media images
- Lead-times and lot-sizing
- Item classifications, categories, and groups
- Weights and measures
- Item costs (5 types) and cost settings
- Default account codes
- Inventory locations and controls
- Safety stock levels, shrink factors and planning controls
- Approved suppliers list, pricing, and supplier part #'s
- Variety of user-definable reference fields

PRODUCT GROUPS AND CATEGORIES

ERP123 allows you to categorize your inventory items using Product Groups. Each group is a family of similar items that have variable options, such as a device that has a choice of features. Each feature is considered to be a Category. Items are defined according to features and options they contain, and this drives search and reporting functions throughout the system.

MRP (MATERIALS RESOURCES PLANNING)

ERP123 includes an innovative MRP module that has been optimized to provide unparalleled speed and versatility. Primary features include:

- "Snapshot" processing minimizes network traffic and eliminates file locks and dramatically improves uptime
- Actual order demand augmented with consumption-based sales forecasts
- Proprietary expedite calculation logic that improves MRP stability and reduces over-planning
- Accurate action-based messaging that can be queried, filtered and electronically transmitted
- Mass order release and firm order updating
- Innovative, user-friendly planning screens that integrate "what-if" capabilities with order release
- Shortage inquiries that point you to your problems
- Add planned manufacturing order data to the capacity plan

INVENTORY TRANSACTIONS

ERP123 provides a full repertoire of transaction types for maintaining inventory records.

- Transfers and Adjustments
- Cycle Counting
- Physical Inventory
- Back-flushing and Picking
- Purchase Order Receiving
- Shipping
- Work Order Receiving and Scrap

ERP123 provides query modules that will allow you to drill into transaction data in the most flexible way possible.

PURCHASING

ERP123 Purchasing incorporates order entry, quotation management, supplier performance, and history so the buyer has all the tools necessary to make informed decisions. Features include:

- Detailed item-based pricing or quantity sensitive contract pricing tables with effective date controls
- Full integration with Receiving and AP
- Vendor part number cross-references and descriptions
- Automatically create purchase orders through a variety of inventory and sales-based processes
- Charge purchases to inventory or directly to jobs
- Automate repeat ordering with PO templates
- Drop ship products to customers or other vendors
- Multi-division consolidations
- PO Generator combines requisitions into single PO per supplier
- Reports and inquiry modules for Open PO, Booked PO, prices paid, valuations of received PO's

WAREHOUSE AND LOCATION MANAGEMENT

The Inventory Management system within ERP123 provides quantity and location controls for your inventory. The location system supports multiple warehouses and multiple inventory locations (bins) within each warehouse. This allows you to create anywhere from a single location per warehouse to detailed, multi-tier location tracking. If your business is distribution or logistics-based, ERP123 has the functionality you need to improve warehouse operations.

ERP123 is a real-time inventory system. There is no need for batch processing. Features include:

- Separate good inventory from quarantine inventory
- Inspection, consignment and staging bins
- Bin priority codes that categorize the desirability of storage locations
- Can suggest the most desirable item to place in any bin
- Transactions can be processed through any capable device (requires interfacing)

LOT AND SERIAL CONTROL

Each item in ERP123 has controls that allow you to determine whether it will require lot number or serial numbering. For businesses that require this type of inventory control, lot and serial controls ensure the ultimate in product traceability down to raw materials.

REPORTS

The inventory management system provides a bevy of reports that allow you to track and report on every key aspect of your inventory including:

- Detailed stock status
- Quantities in summary or detailed lot/serial
- Aged lot/serial inventory
- Current or period-end inventory valuations
- Detailed transaction register
- Obsolete and non-conforming inventory

OVERVIEW

ERP123 provides comprehensive manufacturing functionality that can handle the requirements of the most complex manufacturing facilities. Major functionality includes:

- Work Orders
- Production and labour Reporting
- Barcode-based time and attendance
- Barcode-based shop floor data collection
- Scheduling and resource management
- Scrap reporting
- Quality issue and downtime reporting

WORK ORDERS

The advanced functionality of the ERP123 Work Order module will meet the needs of any repetitive, job-based, or process-based manufacturer. Work Orders can be created from standard BOM and Routings or from data stored in the Estimating module. Either way, the Work Order contains all of the materials, tasks, costs, and schedules that apply to the job. Full integration with the Shop Floor Data Collection module to provides real-time job status and costing. Features include:

- Work Orders drive allocations for raw materials and supplies finished products to inventory
- Raw materials attached to the consuming task
- Onscreen display of drawings and work procedures
- Default schedule based on Routing and chosen scheduling mode
- Descriptions, comments and reference fields flow from Sales Order and Estimating to Work Order on creation
- Lot and Serial number support
- Standard materials and labour become job target cost
- Actual materials and labour used to calculate actual unit cost on Work Order close
- Easily modify orders or create custom orders
- Percentage complete functionality (projects)
- Prints bar-coded work order "traveler" document
- Label printing

WORK ORDER RECEIVE (PRODUCTION REPORTING)

Work Order Receive modules are use to update the Work Order. The minimum data that must be reported is the quantity produced by operation. This will result in the backflushing of the standard BOM. But you can also choose to report any or all of the following:

- Actual material consumption
- Actual labour hours expended
- Scrap with reason codes
- Lot and serial numbers
- Task percentage complete

ERP123 provides two Work Order Receive modules where all aspects of production can be manually reported. Additionally, Shop Floor Data Collection activates Work Order Receive during the job closing process, prompting the user to enter the necessary data.

SHOP FLOOR CONTROL

The ERP123 Shop Floor Control Module provides complete control over production activity by tracking work orders from their inception to completion. It also tracks all of the costs that accrue at each production step. Features of this module include:

- Easily correct errors
- Actual labour hours and costs based on user punch in/out
- Overhead cost calculates based on labour hours
- Real-time job status
- Single user can process multiple jobs
- Standard vs actual labour efficiency
- Prompts user to report production and material consumption on job close
- Track indirect labour with task/reason codes
- Can be adapted to most data collection devices (requires programming)

TIME AND ATTENDANCE

ERP123 Time and Attendance is designed to provide electronic clocking functions for your employees. Scanning in/out is conducted using a bar-coded employee card. It is integrated with the Shop Floor Control and Shop Calendar modules. Features include:

- Time Clock module that replaces your existing punch clock
- Laser printing of employee cards
- Online details of employee attendance and absence
- Modules to approve attended hours for payroll
- Payroll summarizations by period with basic overtime and shift premium calculations
- Creates payroll file suitable for upload to payroll service
- Integration with EasyPay, KisPay payroll systems.. Other integrations are possible
- Reports on attended hours vs work hours, job detail, indirect labour analysis, direct vs indirect

SCHEDULING AND CAPACITY MANAGEMENT

The ERP123 Scheduling and Capacity Management systems provided comprehensive tools that will be used to create, adjust, and measure resource loading, allowing you to plan the machine and labour resources necessary to execute your production plans. System features include:

- Forward, backward, or fixed lead-time default scheduling modes
- Bottleneck scheduling by work center based of job priority (forward)
- Easily apply alternate routings/resources
- Graphical representation of resource loads
- MRP generates capacity plan for planned Work Orders
- Scheduling locks effectively lock schedule for specific jobs
- Sales can directly communicate scheduling priorities to the scheduler
- Mass updating of Work Order schedules based on Sales Order Delivery data changes

OVERVIEW

ERP123 provides a fully featured engineering and product data management system interfaces product construction modules with quality management allowing you to create detailed specifications and processes for your products. The main purpose of the product engineering modules is to feed data to the Work Order system. Features include:

- Multi-level bills of material with phantom levels reduces the required number of work orders
- Detailed process Routings include procedures, parameters, drawings, and work instructions
- Each manufacturing process step (operations) has specific materials from the Bill of Material associated with it
- Drive overhead rates based on Work Centers
- Set target times and labour rates to compare against actual performance
- Mass change modules for updating Bills of Material and Routings

ERP123 also includes a Product Configurator that is accessible from the Sales Order Configurator module. This feature is used to create Work Orders with custom Bills of Material. Components are added and subtracted from the standard bill of material based on the answers to questions the Configurator asks the user to respond to.

BILLS OF MATERIAL

The ERP123 Bill of Material system provides an easy and effective means for creating and maintaining these critical documents. Features of the system include:

- Graphical 'tree-view' representation of the product
- Graphical explosion/implosion
- Mass update and mass delete functions
- Effective date management
- Variable scrap percentages by component

Bills of Material are coupled with Routings to create a full product structure.

ROUTINGS

The ERP123 Routing system furnishes all information that pertains to the manufacturing process for an item. This module, in conjunction with the Bill of Material, provides a complete hierarchy of manufacturing information for developing costs and schedules. Featured include:

- Materials backflush at specified process steps
- Detailed work instructions and drawings for each process step
- Standard labour rates, target times, variable time units
- Set up time amortization, crew sizes and efficiency factors
- Queue times set wait time between process steps
- Alternate routings and alternate work centers
- Tag processes with specific colour attributes to assist in scheduling processes such as paint lines
- Use same routing for like parts to reduce maintenance

PRODUCT MASTER

The Product Master module is specifically designed for the efficient creation of new standard products. This module combines Item Master records, Bills of Material, and Routings into a single module, allowing you to copy entire product structures to create new ones.

This module reduces the available level of detail from those in the Bill of Material, Routing, and Item Master. This simplifies the ERP123 engineering process for those that don't need high levels of detail. Other features include:

- Inherit Routings and/or Bills of Material from other products
- Integrated cost rollup and cost updating
- Supports customer-specific product versions

QUALITY MANAGEMENT

ERP123 provides quality management support for your quality management system by integrating the following elements of your quality system into the software:

- Master files for procedures, parameters, drawings, and work instructions with revision controls
- Online availability of data reduces the need for hard copies on the plant floor
- Quality system document numbers on system forms
- Current drawings, work instructions, and other quality-based documents can be printed with the Work Order data package
- Detailed characteristics table for each Routing process step allows you to massively define process quality parameters

ESTIMATING

The Estimating system is used to create costed budgets for potential jobs or to do "what-if" costing on new or existing products. Fully interfaced with the Sales Configurator module, Estimating allows you to figure your costs and then margin those costs to determine selling prices for various quantities. Estimating includes all of the other necessary information necessary to creation a quotation, including the customer, terms, currencies and exchange rates. Features include:

- Multi-level bill of materials with phantoms allows you to create subassembly levels
- Inherit BOM or Routing from existing products and modify
- Create Spec function turns Estimates into product creating Item Master, Bill of Material and Routing
- Material cost based on standards, actual, or user-defined "estimating" cost (future)
- Separate margin analysis and pricing for each batch size
- Support for miscellaneous additional costs
- Estimate simply or in detail

Data from the Estimating module is used to create the Sales Order and the Work Order when a job is awarded

CUSTOMER RELATIONSHIP MANAGEMENT (CRM)

The CRM module is a powerful tool designed to assist you in better servicing the needs of your customer and vendor base. Its primary uses include:

- Company Code
- Full company name
- Full company address set including email and web sites
- Customer contact data set including addresses, email, pagers and cell phones
- Issue entry and resolution tracking integrated with all Sales Order modules
- Default document messages for Sales and Purchase Orders, AR and AP invoices
- Sales strategies and sales call tracking
- Data from CRM module is inherited to Customer and Supplier Master modules on creation

CUSTOMER MASTER

The Customer Master provides multi-tier structure for the customer base. This module inherits all the contact and address information inside CRM plus the associated financial terms and conditions. Features include:

- Multiple Ship To locations associated with one Bill To Code
- Default pay terms, shipping terms preferred carriers, sales reps, financial terms
- Credit management
- Statistics including outstanding balances, open order values, highest balances
- Customer part number cross-reference
- Price hierarchy

SALES ORDER ENTRY

The ERP123 Sales Order Entry system includes a choice of three order entry modules designed to service specific business types. Sales Orders are your contracts with your customer. Within the available modules you can create and manage quotations, convert quotes to orders, price your products and set delivery dates. There is also functionality that handles orders for repairs, warranty, and CRM issue entry. Sales Order Entry module choices include:

Sales Order V5

Primary used in distribution and repetitive manufacturing.

Sales Order -Configurator

Does everything V5 does but excels in custom or project-based, manufacturing. Fully interfaced with the Estimating module. Contains a list-based product configurator. It is our most powerful sales order entry module. This is our most powerful Sales Order Entry module.

Sales Order Retail

Designed to support retail and counter sales environments, Sales Order Retail combines the functionality of Sales Order V5 with Point of Sales. Create orders, packing lists, invoices, and take payments in a single step process. Provides excellent item searching capabilities.

ORDER CONTROL CENTER (OCC)

For those who want to see everything associated with a Sales Order in a single screen view, the Order Control Center is everything you've been looking for. Designed to meet the specific needs of custom or project-based manufacturing environments this module provides an integrated view of:

- Sales Order line items
- Associated work orders (jobs)
- Purchase Orders charged to job
- Order status at a glance
- Shipments and associated data
- Invoices and associated data

In addition to viewing the order, you can also transact against it. This includes the ability to:

- Create new sales orders
- Create work orders
- Create purchase orders and charge them to the job
- Process shipping
- Booking labour against job
- Consume standard materials
- Purchase Order receiving for related PO's

The OCC is the ideal tool to assist your project managers and customer service representatives in providing a level of service that will delight your client.

FORECASTING

The ERP123 Forecasting is interfaced with the inventory planning system allowing you to supplement actual order demand with forecasting. This activity is very typical in repetitive manufacturing and assists in the planning of long-lead time materials. Features include:

- Period-based or date range-based forecasts
- Forecast consume subtracts sales from forecasts to keep material planning stable
- Inquiry modules allow you to monitor forecast vs actual

SHIPPING

Shipping transactions are used to manage your sales orders and send data on shipped orders to invoicing. Features of the Shipping Management system include:

- Standard shipping or pick-list based shipping processes
- Reports that help you determine what you need to ship
- Print pick lists and packing slips
- Process freight charges and costs
- Feed shipping tracking information back to OCC
- Transfer product to warehouses

REPORTS

ERP123 provides a wide variety of standard reports and inquiries to allow you track every aspect of your sales, marketing, and customer service efforts including your ability to meet required delivery dates. You will be able to truly measure the performance of your business operations.

The U-TRAIN Difference

Besides the software itself, the other key ingredient to ERP success is solid implementation and training that will transfer the necessary software and process knowledge to your users. Most ERP products employ on classroom, workbooks, and personal training and this is typically inefficient and costly. Waste in implementation typically results from poor user retention that creates the need for retraining. The reality is that each company simply needs to implement and learn to use an ERP product at its own pace to avoid waste. Training costs frequently exceed 2x the cost of the ERP software itself. So how could implementation and training be packaged in a way that would remove waste, improve retention, and keep the overall cost of training to a level appropriate for the small business?

IntegrateIT answered this challenge by re-engineering its implementation and training delivery methods. The end result of this endeavour is the U-Train multimedia system for ERP123. Composed of over 500 individual videos (WMV format), U-Train multimedia represents an approach to implementation and training that is both effective in transferring knowledge and cost effective. Packed throughout with premium consulting information, these extensive videos feature Michael Carlo, a key process designer of ERP123. Michael is an ERP implementation and design veteran with extensive business management expertise whose knowledge crosses many different types of manufacturing, service, and distribution-based businesses. You could not ask for a better teacher.

During the videos Michael discusses all aspects of ERP123 software including:

- Set up and configuring ERP123
- What modules and processes are appropriate for your business
- Detailed review of all modules and system functions
- Business process overviews
- Detailed review of data flow
- How to use Queries and other system reports



U-Train Multimedia covers the complete range of functionality available within ERP123 and provides detailed data examples that will give you the information you need to assist you in the implementation. During the videos Michael also dispenses a wide variety of advice associated with different businesses and best practice within the software. Known as the "ERP Doctor", U-Train archives the sum of Michael's extensive knowledge of ERP123, implementation, and business process. You will be able to learn at your own pace, and repeat it as often as you need to. What could be better?

Other Support Options

We recognize that, despite the quality of U-Train Multimedia that there will be situations where you will require additional help. And it is for this reason that we offer two additional methods for your convenience.

Help Desk

The fastest way to get additional help is to call the IntegrateIT Help Desk toll free at 866-693-1379. Manned by a team of knowledgeable business professionals, the Help Desk can provide answers to questions on the use of ERP123, and can also help you troubleshoot your more complex problems by utilizing GOTOMEETING , (www.gotomeeting.com), a web-based product that allows us to remotely access your computer so that we can see what you are seeing. With your permission, we can also take control of your computer to show you how to do something. It's very secure, and you're in complete control at all times.

Onsite Implementation

Sometimes there is no replacement for talking to someone in person so you can show him your problems and get relevant answers. In these cases our team of business and technical specialists will be pleased to travel to your site to assist you directly.



Flexible, Affordable, Comprehensive

Inventory Management

- Multiple divisions, warehouses, bin locations
- User-definable unit of measure conversions
- Approved suppliers with contract pricing tables
- MRP (Materials Requirements Planning)
- Purchasing with integrated receiving
- Backflushing, picking, or floor stock
- Lot and serialization controls
- Maintenance and tooling items
- Customer and vendor part number cross-reference
- Annual physical / Cycle counting
- Label Printing

Customers and Sales

- CRM module with issue tracking, document messaging, sales call reports, and statistics
- Multi-currency
- Pricing by contract, standard price less discounts, or mark-up from cost
- Sales order entry and order acknowledgements
- Cost estimates and quotations
- Order templates by customer
- Direct ship orders
- Service orders
- Kitting
- Product Configurator (build products in real-time)

Product Structures

- Item Master stores detailed product data
- Multi-level bills of material with phantoms
- Set-up, production and outside processing operation types
- Workcenters, production rates, labour types
- Detailed item production characteristics
- Drawing and procedure controls and revisions
- Rapid data entry tools

Costing

- Standard costing with variance
- Inventory rolling average (purchased items)
- Actual manufacturing cost (actual material and labour)
- Future cost (for estimating)
- Variable overhead generation schemes
- Standard margin and job-cost analysis
- Charge purchases directly to jobs

Production Management

- Work Orders
- Integrated production receiving
- Forecasting
- Finite workcenter-based scheduling
- Capacity and manpower planning
- Barcode based time clock and shop floor data collection
- Labour efficiency reporting
- Indirect labour tracking
- Process-based work instructions and drawings
- Quality incident and downtime reporting

Finance/Accounting

- Accounts receivable fully integrated with shipping
- Accounts payable fully integrated with purchasing
- General ledger with multi-level chart of accounts
- Detailed multi-currency and exchange tracking
- Accruals
- User-definable terms and schedules
- Batch or real-time transaction posting
- UNDO feature simplifies corrections
- Journal entry templates
- Reversing entries
- Real-time WIP, Inventory, and COGS
- Labour and overhead accruals

Other Features

- Superior speed and data integrity
- Executive information reporting package
- Quality system support (ISO, QS, TS)
- "Super-Query" modules allow novice users to easily access data and create user-defined reports
- Fully integrated with Microsoft Excel
- Log files tracks all user data entry and change
- Integrated email, auto fax, and PDF printing

System Administration

- User-definable menu layouts
- User or system admin screen editing
- User-definable field names
- User, module, and field level security
- Easy data uploading and downloading
- Customisable toolbars
- Variable size
- User-based report configuration module

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OVERVIEW

ERP123 is a comprehensive, integrated Enterprise Resource Planning (ERP) and electronic commerce software system that supports and automates the business processes in manufacturing, distribution and service environments.

ERP123 is composed of an extensive library of over 300 application libraries. Each of these libraries controls one or more module within the system. Each module represents a discreet business process within a business. The quantity of modules within ERP123 is a reflection of the widely varied number of business process methods that it supports. For example, there are five different sales order entry modules available, each of which provides functionality for a different business type. What this means is that there is a choice of modules that can be deployed to meet different situational needs. In this way, the modules chosen for a given implementation can be based on the specific needs of each customer.

APPLICATION TOOLS

Built with the industry-leading Sybase application toolkit "**PowerBuilder**" for use on Windows 2000/XP/Vista, **ERP123** is rooted in a mature, reliable foundation that is widely supported internationally. PowerBuilder is licensed to over 400,000 seats worldwide and is relied upon for mission-critical applications throughout the business software industry. With the most recent releases of PowerBuilder, Sybase has extended its Web-based capabilities and continues to extend its leadership in the field. Sybase databases are commonly known as the fastest databases available in the market.

For more information on PowerBuilder and Sybase please visit:

<http://www.sybase.com/>

DATABASES AND PLATFORMS

ERP123 recommends the Sybase platform because PowerBuilder applications and Sybase databases are sisters. Under this combination **ERP123** provides the industry's fastest performance. The low cost and low administrative requirement of SYBASE SQL Anywhere best serve most small and mid-sized ERP123 customers. It is being utilized in applications with up to 100 concurrent users running on current server technology.

For larger organizations we recommend the industry standard Sybase Adaptive Server. Both of these databases are within the core competencies of the **ERP123** technical support team. With third-party support, **ERP123** can run on other network operating systems such as Linux. However, Microsoft Windows 2003 server or greater is the recommended server platform.

WORKSTATION REQUIREMENTS

ERP123 is an extremely powerful application that requires primary control of the desktop environment. We recommend that each workstation using **ERP123** should be running Windows 2000 or greater (preferably Windows XP or greater). For power users you should consider Pentium 1.5Ghz processor and 512Mb RAM as a minimum configuration. Users with lower data needs can utilize less powerful computers. All Windows versions above Windows 2000 provide acceptable performance.

SERVER REQUIREMENTS

Specifications for the **ERP123** server will depend on the number of users, devices, and other programs it must support. To get the best performance from **ERP123** in any case, we recommend servers with the following characteristics:

- Multiple CPU capability for expandability
- Redundant drive support via RAID controllers (hot-swappable preferred)
- Redundant power supplies
- Additional RAM capacity

In addition a server should always have the following additional equipment

- An adequate back-up system (for restoring data in emergencies)
- UPS (uninterrupted power supply, ensure proper shutdown in power failures)

Obtaining reliable equipment is absolutely crucial for any ERP server. Your data is the "gold" in your business system – make sure you protect it accordingly.

The real issue with servers is what they will be used for and the potential need for expandability to support business growth. You should ensure that you make an adequate assessment of your growth potential before you decide what type of server you should buy. And also bear in mind that the life you desire out of the server. Typically servers should be upgraded every five years but this is merely a guideline.

In environments where data volume is high it may be necessary to split the application into two servers to improve performance. These are typically labeled as follows:

- Applications server
- Database server

We do not recommend you run any other applications on the server where the database resides. This is because errors or problems with other programs can cause the server operating system stop responding to the needs of the database. For small installations, you can simply run the ERP123 applications and the Sybase engine on the same server. Keeping ERP123 working at peak performance is a function of keeping the server environment as stable as possible.

INTEGRATION OPTIONS

The various application modules of **ERP123** can meet the ERP requirements for most operations in typical manufacturing, distribution and service environments, without resorting to third-party programs. However, for specialized needs, **ERP123** can easily access other ODBC-enabled programs and data sources. ERP123 was designed with integration in mind and is highly suitable for hybrid environments where data uploading and downloading is a necessity to achieve all the necessary results.

In this way, **ERP123** can work effectively with your choice of task-centric applications including CAD, Payroll, Freight Management and Material Optimizers.

SYSTEM CONFIGURABILITY

ERP123 contains a wide variety of configuration "flags" that are used to tailor the system to meet the specific needs of each client who uses it. These flags are specifically used to:

- Define which processes are to be used in the installation
- Define the detailed behavior of these processes
- Turn on and off system features
- Determine which reports are to be used
- Record specific global application features

Flags also reduce the installation and system configuration processes that are a normal precursor to the implementation process. Flags facilitate:

- Fast, easy configuration; test systems can be running in 24 hours
- Customizations do not cause "version lock"; you will continue to upgrade normally
- 98% of typical functional requirement can be achieved without writing code

Flags are one of the many innovations of the ERP123 design methodology.

DATA ACCESS

In the same way that **ERP123** can interact with other application software, it can also communicate with other remote data sources including handheld devices. **ERP123** modules can receive data from bar-code scanners with no configuration required. This capability allows **ERP123** to accept data from the shop floor to track tasks and times, shipping room operations such as picking, manifests and packing slips or transact inventory. For devices that require feedback from the system to display information or instructions, **ERP123's** ODBC drivers provide a simple, industry standard method for accessing its data. Where required, **ERP123** can also communicate directly with shop floor equipment to gather data in real-time. Bottom line is that interfacing is a built-in capability of **ERP123**.

DESIGN OBJECTIVES

The design objectives for **ERP123** were determined through detailed analysis of the needs of manufacturing, distribution and service-based business by leading experts in these fields. These findings were then coupled with a premier software design team that with extensive experience creating ERP applications in a wide variety of different business environments. The end result was a set of objectives that reflected the needs of the clients who rely on it each and everyday.

CONFIGURABILITY

Start with the same programming code for every installation and ensure the program continually reduces the costs of both implementation and support. This is done through the previously discussed "flags" and an ongoing effort to continually improve the flexibility of the software processes they control.

ACCESSIBILITY

Users should be able to access any data in the system easily without relying on programmers to develop search and reporting routines. ERP123's Query functions and SuperQuery modules allow users to retrieve any data in the system easily and effectively. These features allow you to:

- Create and stores preferred views of data in every module
- Save views into public or private report libraries
- Retrieve data based on keywords
- Exact or content-based searches
- And/Or Query logic
- Export any data fields or export as formatted Excel file
- All data is as real-time as you are processing it

REPORTING

The implementation cost of most ERP systems can be broken down into the following three phases:

- Installation
- Implementation
- Reporting

By making the core software friendlier and more accessible to users, **ERP123** reduces or eliminates the need (and cost) of a separate reporting phase.

- Reduced need for external reporting software or programming
- Preferred data views can be defined during implementation and updated any time

PERSONALIZATION

Organizations should not be required to learn new terminology and processes to carry out familiar tasks. Users with different tasks should not be expected to navigate the whole system. **ERP123** allows you to create an environment for each user that will allow them to work most efficiently. This is done through system administration tools that allow you to edit screens and control security.



Design Overview



Specifically, ERP123 provides the following administrative abilities that allow you to personalize the software:

- All fields, processes and reports can be configured with user's own terms and fields labels
- Each **ERP123** module can be configured to display in a specific configuration allowing them to work together to suit tasks required
- Ability to set up customized menus and screen layouts
- Modify field properties (full access, read-only, invisible)
- Ability to set drill-in toolbar for each module
- Extensive Security to the field level for each menu

PERFORMANCE

Today's business environments demand real-time decision support data. **ERP123** excels in providing continuous access to decision-support information for every user based on real-time data updates.

- No "batch" processing to delay updating
- Run MRP in 10 minutes without interrupting other users
- Minimize network traffic; support business growth and Internet access

For Information on other specific design questions about ERP123 please contact:

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