INFO PACK

Global Shop
SOLUTIONS
ERP SOFTWARE

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Australia | New Zealand

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www.globalshopsolutions.com

ABOUT US

Since 1976, Global Shop Solutions ERP software has been trusted by manufacturers around the world to keep them competitive and growing, regardless of the economic climate.

Who We Are

Global Shop Solutions has built a legacy of trust with our customers by building a robust ERP software system, backing it up with comprehensive training, and delivering exceptional customer service. We have zero debt, seven global offices, customers that have been with us for 30+ years and an average employee tenure of 10+ years.

A Legacy of Trust
Family-Owned & Family-Run Since 1976

Solid Experience

We have been serving manufacturers of every type and across an expanding range of industries since 1976, making us true experts in ERP software for the manufacturing community.

Service Focused

Our implementation success rate is one of the highest in the industry, our customer service is available all day every day, and our training program is second to none.

Stable Future

Our goal is to become a trusted partner in the long-term success of your manufacturing enterprise. You can depend on us to be there for you long into the future.

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BENEFITS

We believe that the best testament to the effectiveness of Global Shop Solutions ERP software for manufacturers comes from the increased profits realized by our customers.

Return on Investment
The number one reason manufacturers purchase and implement ERP software.

Reduced Admin Overhead
Hours greatly reduced by eliminating redundant entries and decreasing errors.

Lower Labor & Material Costs
A smoother running operation with less down time and reduction in labor costs.

Lower Setup Costs
Measure estimate against actual. Detailed tracking allows lean setup goals to be monitored and met.

Shortened Cycle Times
Purchases can be automated to avoid shortages and delays, creating a faster, more accurate flow of information.

Improved Productivity
Create the consistency needed to speed up the information process and delivery.

Superior Customer Service
Provide immediate answers to all of your customers' questions through one screen.

Increased On-Time Delivery
Manufacturers report 98-100% on-time delivery after implementing our ERP software.

Global Shop SOLUTIONS ERP SOFTWARE

49+
Years in Business

Since 1976, manufacturers have experienced the unique level of service we provide. You can depend on us to be there long into the future.

7
Locations Worldwide

We have over 4,000 manufacturers around the world who depend upon us to assist them in meeting the specific challenges they face, whether geographical or regulatory.

320+
Employees Worldwide

Many of our key employees have been with Global Shop Solutions for 10 years or more. We employ some of the very best in the industry, all sharing our commitment to exceptional service.

1,500+
Free Apps Available

Every manufacturer has their own unique software needs. In addition to our ERP applications, our manufacturers have access to an ever-growing library of free apps that complement their ERP software.

30+
Countries Worldwide

Every Global Shop Solutions customer represents a multitude of individual users in countries worldwide. These users include executives, engineers, shop managers, salespersons, administrative and many more.

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INDUSTRIES SERVED

Check the top competitors in your industry. You will be surprised to see how many of them are using Global Shop Solutions. Additional information available on our website.

Aerospace	Automotive	Concrete Casting	Correctional	Defense	Display Fixture	Electric Vehicle
Electronics	Energy, Oil & Gas	Furniture	General	Green	Job Shop	Machine Building
Machine Shop	Medical Device	Metal Fabrication	Packaging	PCB	Plastics	Rubber
Slot Machine & Gaming	Soft Material	Truck & Trailer	Wood			

MODES SERVED

Our ERP system works well with any manufacturing mode. Real-time data is paired with the flexibility you need to bring efficiency to all your processes. Additional information available on our website.

Engineer-to-Order	Government Contract	Make-to-Order	Make-to-Stock	Mixed-Mode	Project-Based	Repair-Based

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APPLICATIONS

Our ERP applications, available on-premise or in the Cloud, will give you what you need to run a leaner, more efficient manufacturing operation. Additional information available on our website or by clicking each icon below.

Accounting	Bill of Materials	BOM Compare	CAD Interface	Company Messaging	CRM	Dashboards
Document Control™	eCommerce	EDI	Estimating & Quoting	HR & Payroll	Inventory	Job Costing Accounting
KPIs	Label Printing	Nesting Interface	Order Management	Paperless	Planning & Scheduling	Preventative Maintenance
Process Documentation & Training	Product Configurator	Project Management	Purchasing	Quality Control	RFID Technology	Routing
Sales	Shipping	Shop Floor Data Collection	Shop Management	Tailored ERP	Version Management Software	AI-Integrated ERP

DEPLOYMENT OPTIONS

Our ERP can be deployed on-premise or in the Cloud. There are advantages to each one. Click below to learn more.

On-Premise
ERP

VS

Cloud
ERP

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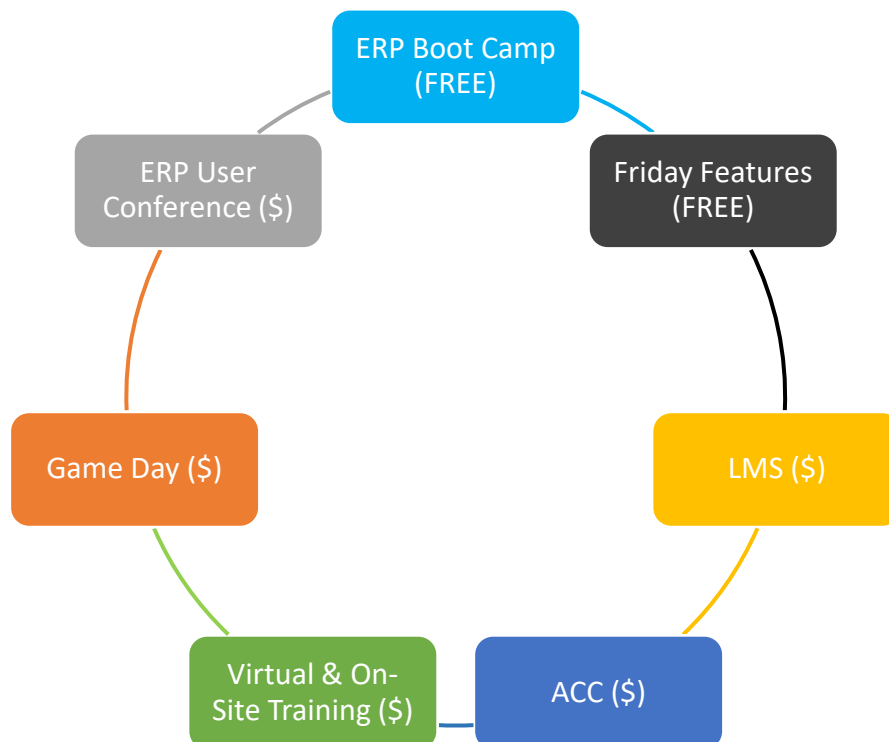marketing@gssmail.com
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CUSTOMER SUPPORT & TRAINING

We have unlimited options for support and training to make sure you know your ERP, understand your ERP and are using your ERP to get the most bang for your buck. Additional information on our website.

Support Options

- Customer Care Team
- 24-Hour Support Team
- Application-Specific Support
- Dedicated Customer Success Manager
- Industry-Leading ERP Consultants

Training Options

- ERP Boot Camp (FREE)
- Friday Features (FREE)
- LMS ($)
- ACC ($)
- Virtual & On-Site Training ($)
- Game Day ($)
- ERP User Conference ($)

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PROFESSIONAL SERVICES

We are dedicated to helping our customers improve productivity and simplify processes. See below for the list of services we offer. Additional information on our website.

- Add New Facilities & Company Codes to Your ERP
- Add Third-Party Integrations, Applications, Automations & Software
- AI Solutions
- Business Processing Mapping & Analysis
- Continuous Improvement
- Design Custom Dashboards
- Development as a Service (DaaS)
- ERP Module Customization
- ERP Training
- Financial, Marketing & Operations Health Checks
- Future Process Design
- GAP Analysis Process Review
- Implement Modules, Functions, ARC Projects, Mobile Solutions & Dashboards
- Label Design & Build
- On-Site Consulting
- Process Audit & Improvement
- RFID Solutions
- Project Management
- Tailor ERP & Screens
- Virtual Controller
- Virtual Training

Accounting

Management and accounting teams can access data and conduct financial activities through one system for all your AR, AP, invoicing and reporting needs.

- Accounts receivable
- Accounts payable
- Repeat payables
- Accrued payables/ account for variances
- AP AI processing
- Inventory accounting
- Standard balance sheet & income statement
- Commissions
- Budgeting
- Bank reconciliation
- Fixed assets
- Multiple company consolidation
- Repeat & reverse journal entries
- Profit centers
- Cost centers
- Collection tracking
- Bill customers
- Pay vendors

- Tax calculations
- 3-way AP match
- Flexible periods
- General ledger (GL) distribution by department
- Payments via credit card
- Positive pay
- Quick generation of checks
- Percentage allocations
- ACH processing
- 1099s
- Post to prior years & periods
- Easy year end procedures
- Create monthly journal entry for depreciation
- Calculate terms discounts in cash receipts

- Calculate monthly depreciation
- Ability to create/ customize financial statements
- Drilldown into data
- Export data to Excel
- Detailed reporting
- Financial statements
- Tax reporting
- Prior year/month comparisons
- Cash flow projection
- Aging analysis
- Multiple years of financial records
- AP Aging Dashboard
- AR Aging Dashboard
- AR Collections Dashboard
- Interface with AllianceHCM, ADP®, Paycor, Paychex®, & more

BENEFITS

- Simplify the entire accounting process
- Improved AR & AP management
- Real-time accounting & financial information
- Faster, more accurate invoicing
- Integrated third-party payroll services
- In-depth financial analysis
- Eliminate duplicate data entry
- Customized reporting & invoicing
- Single screen views with Dashboards

Advanced Planning & Scheduling (APS)

APS allows you to get your jobs done on time every time with the most robust scheduling software in the industry.

- Capacity planning
- Production planning
- Tool scheduling
- Material scheduling
- Employee scheduling
- Workcenter scheduling
- Work group scheduling
- Forward/backward scheduling
- Finite/infinite scheduling
- What-if scheduling
- Rescheduling
- Shop floor routing changes
- Visual schedules by department, workcenter, project, work order, bill of material (BOM) & sales order
- View load of entire plant, department, workcenter & work group
- Customizable dispatch lists
- Employee constraint scheduling based on skill sets
- Ignore/hide select jobs

- Identify over or under-loaded days
- Schedule labor around incoming dates for dedicated materials
- Schedule link similar jobs
- Schedule multi-level assemblies based on required dates
- Work group scheduling based on workcenter capability contraints
- Real-time workcenter dispatch list
- Add temporary date-specific modifications to capacity calendars
- Real-time reporting
- Gantt charts
- Job forecasting
- Customer/EDI forecasting
- Master Schedule Dashboard
- Integrated with sales order system

BENEFITS

- Real-time load visibility
- Easily account for production capacity changes
- Reduce or eliminate production bottlenecks
- Accurately estimate completion time
- Monitor & keep on target estimate vs. actual
- Balance resource loading thereby increasing sales
- Predict accurate quoting lead times
- Expect on-time delivery of 99% plus
- Eliminate spreadsheets
- Automatically handle customer demand

Bill of Materials (BOM)

Manage the entire production process - from estimating and quoting through final assembly - from one powerful software application.

- Build BOMs easily, quickly & automatically
- Automatically import/export customer BOMs
- Build routers from BOMs or BOMs from routers
- BOM cost build-up including costing detail
- Build complex BOMs in minutes instead of days or weeks
- Drag & drop complete parts into BOMs in one operation
- Automatically create POs & work orders for needed parts
- See consolidated parts lists
- Maintain abbreviated parts master
- Show status of all parts & raw materials

- Look up status of BOMs
- View where-used & mass components replacements
- Employ engineering change & revision level
- Inventory status of multi-level BOM
- View inventory status of all BOM components & roll up their costs
- Generate time-phased material requirements
- Automatic generation of single or multi-level BOM work orders
- Concurrent scheduling of routings including materials in major BOM assemblies
- Easily reschedule BOMs

- Identify & use only the most current data on all BOMs
- Multi-level BOM assembly system
- Easily replace all occurrences of BOM components with others
- Easily compare engineering changes with BOM Compare
- Minimize cycle time of parts & assemblies
- Simplify management of engineering revisions
- Automatically construct a full audit trail of all BOM changes
- Use "exploded" BOMs to display individual component hierarchy

BENEFITS
- Effectively build & deliver parts on time & on budget
- Enjoy expedited purchasing
- Save time & money
- Reduce engineer time & costs when integrated with a CAD Interface

BOM Compare

Save time for engineers by eliminating the tedious manual comparing of CAD/CAM BOMs against Global Shop Solutions BOMs.

- Side-by-side comparison of CAD BOM & ERP BOM during design process

- Standardize data from CAD/CAM to Global Shop Solutions

- Compare BOMs between drawing & ERP BOM

- Inventory master part review & creation

- Color-coded system to easily identify differences

- Export BOM changes

- Customizable options

- Drag & drop file options supporting multiple options

- Notify team members when changes are made

- Automatically-generated BOM back-ups

- Tree outline to show part hierarchy

- Integrates with SOLIDWORKS, Solid Edge, Autodesk Inventor & more

BENEFITS

- Expedite time from design to production
- Simplify design process
- Quickly identify BOM discrepancies
- Eliminate manual BOM comparisons
- Save time & costs

CAD Interface

Integrate your ERP software with your CAD software to simplify the import of CAD bill of materials (BOMs) and the creation of BOMs within your ERP.

- Integration with SOLIDWORKS, Solid Edge, Autodesk Inventor & more
- Integration opportunities with AutoCAD®, SketchUp® & most CAD programs
- Fully configurable mapping between CAD & ERP, including raw material
- Add, refresh or update existing BOMs
- Preview fully indented BOM & all changes before loading
- Write new parts to inventory master

- Uploaded BOMs are stored in history & can be reverted back
- Select fields defaults from inventory master for known parts for data integrity
- Electronically send CAD BOM to shop floor for production via a work order
- Export/import of BOMs
- Leverage a wide range of customizations to automate data preparation ensuring seamless ERP integration
- Supports multi-level BOMs
- Standard integration usually takes 3-4 hours to be fully functional

BENEFITS
- Accurate & up-to-date BOMs
- Eliminate multiple data entry to update BOMs
- Fast, accurate data transfer to the shop floor
- Speed up engineering
- Reduce human error
- Save labor costs
- Improve project time ratios
- Increase return on investment
- Automation for lean manufacturing

Cloud ERP

Experience increased accessibility, speed and security of Global Shop Solutions ERP software in the Cloud.

- ERP software resides on cloud-based servers
- Provided by Amazon Web Services
- Secure data access using MFA
- Accurate, real-time data
- Automated & continuous backups
- Faster system response
- Semi-annual upgrades included
- Tailored to your needs

- ERP maintenance provided by Global Shop Solutions
- Quick resolution of issues
- Always use the latest ERP version
- Guaranteed uptime of 99.997%
- Less IT time & costs
- Integrated with CAD & shop equipment
- Easily fulfill compliance requirements such as NIST SP800, ITAR, SOC, CMMC, etc.

BENEFITS

- Obtain lower initial set-up fees
- Enjoy processing speeds up to two-times faster
- Data is securely stored on servers off-site
- Convenient anywhere access via the internet

Company Messaging

Improve customer, vendor and employee relationships with event-driven notifications like emails.

- Real-time & automated alerts to employees, customers, vendors
- Email notifications
- Quote approval notifications
- Order change notifications
- Work order schedule/reschedule notifications
- Order delay notifications
- Purchase order notifications
- Sales order notifications
- Job status notifications
- Shop floor task notifications
- Billing notifications

- Shipment confirmation notifications
- Cash receipts notifications
- Update or close a work order sequence alert
- AP invoice matched against accrual alerts
- Engineering change control alerts
- Changes to inventory PO vs. invoice variance alerts
- Cause & corrective action alerts
- Tailored event triggers
- Limit exceeded alerts by number or percentage

BENEFITS

- Improve efficiency through automated alerts & notifications
- Keep your customers automatically informed about the status of every order
- Improve customer relations
- Avoid costly mistakes, oversights & delays in communication with automation notifications
- Simplify your everyday tasks & keep your operations on track

Customer Relationship Management (CRM)

Access everything you need to know about a customer or prospect – from one screen in real time.

- Contact management
- Customer, vendors, prospects & suspects information
- Prospect management
- Add notes & schedule events
- Manage communication
- Send emails to contacts
- Manage sales opportunities
- Search capabilities
- Create tasks & view in calendar
- Create service requests
- View open RMA & create new RMA
- View cash receipts & adjustment history
- View aging & invoices

- View cash trends
- View warranty ship date
- Customer preferences
- Payment status & history
- Events & opportunities
- Campaigns
- Website information
- Map of the billing address
- Territories
- Versatile contact management screen
- Forecast sales
- Quoting details
- Sales quotes
- Sales history
- Sales goals
- Sale dollars
- Type of sale

- Orders
- Jobs & job status details
- Work-in-progress
- To-do lists
- Shipments
- Invoice information
- Credit rating & limits
- Reprint invoices
- Days outstanding
- Print statements
- Quality issues
- Sales pipeline charts
- KPIs & analytics
- Custom reporting
- Executive & user Dashboards
- Integrate with a variety of CRM software such as Salesforce, HubSpot, SugarCRM & more

BENEFITS

- Accurately manage your prospect, customer & vendor records
- Easily identify new prospects/suspects, opportunities & leads
- Experience a high-level of safety & security for your customer & prospect data
- Keep your staff in sync while staying on top of business growth & potential
- Real time data in one screen to manage relationships

Dashboards

Use Dashboards to work all day every day from a single screen.

- Filter data
- Tailored views
- Plug & play with most Dashboards
- Export to Excel
- Security level based on permissions
- Create your own Dashboards with Dashboard Designer

Popular Dashboards

- AP & AR Aging
- Auto Work Order Gen
- Automated Purchase Order Generation
- Bid Management
- BOM Audit
- BOM
- CRM
- CRM Order Lookup
- Custom Component
- Customer Portal
- Dashboards for GUI
- DFL
- Engineering
- Est vs. Actual
- Executive
- Flex Schedule

- GL AP Check Vendor
- Import Order GAB
- In-Transit
- Inventory
- Inventory Extended Status
- Inventory Movement
- Item History
- Labor Performance
- Master Schedule
- Movable Scheduling
- Multi Piece Inventory Status
- Open Job
- Open Order Review
- Open PO Consolidated
- Open Quote
- Open Sales Order
- Planning
- PO History
- Product Data
- Project % Complete
- Project Checkpoint
- Project Management Gross Profit
- Purchase Order
- Purchasing Action Required

- Purchasing
- Quality
- Quality History
- Quote
- Quote Line
- RMA
- Sales Analysis
- Sales History
- Sales Order
- Sales Totals
- Ship Tracking/Packing List
- Shipping & Receiving
- Shipping Hold
- Shop Floor KPI
- Vendor Approval
- Web Importer
- WIP Kitting
- WIP WC
- Workflow
- Work Order
- Work Order History
- Work Order Issue Material Requirements
- Work Order Project/ Phase
- Work Order Sequence Comments

BENEFITS
- Work all day from a single screen
- Perform nearly all your job functions without changing screens
- Find data faster
- Get more done in less time
- Reduce paper reports

ERP SOFTWARE FEATURE:

Dashboard Designer

Easily design and create your own tailored Dashboards to view your data how you want, when you want.

- Drag & drop widgets to create custom layouts
- Customize widgets, filtering & drilldowns
- Create custom fields
- Customize display options as graphs, charts & more
- Customize with your own branding & logos
- Use GAB to integrate with other tailored projects
- Integrate data from multiple data sources

- Organize widgets into groups or tabs
- Drill down into widgets for more detail
- Link widgets so they interact with each other
- Organize entire Dashboard suites into groups
- Import existing Dashboards
- Inspect data directly in your Dashboards
- Easily export your Dashboards as any filetype or to print

- Automatically connect to databases across company codes
- Use maps from a built in list or import custom ones
- Build queries & save for future use
- Use the same Dashboards across multiple company codes
- Unlimited users & seats for one simple monthly fee
- Intuitive, easy-to-use interface

BENEFITS
- Create Dashboards specially tailored for your business
- View your data the way you want
- Display data in real-time directly from your production environment

Document Control™

Store and view digital files in your ERP software.

- Scan documents into ERP software
- Attach documents to projects or transactions
- Email documents
- Document grouping
- Print necessary docs for quality requirements or inspections
- Historical record
- Rollback to previous versions
- Easily print linked work order documents
- Print material cert pack at the time of shipping
- Tailored security settings

- Files that can be stored:
  - CAD/CAM
  - Contracts
  - Documents
  - Drawings
  - HR documents
  - Inspection sheets
  - Links to websites that store docs
  - Material data sheets photos
  - Sound recordings
  - Specifications
  - Spreadsheets
  - Videos

BENEFITS

- Eliminate time spent hunting for paper docs
- Decrease paper file storage space
- Faster document approval
- Create a lean, paperless manufacturing environment
- Maintain a full historical record of all document changes

eCommerce

Expand your capabilities with online order processing, electronic billing and instant payment options for your customers.

- Online sales into your ERP system
- Order processing
- 24-hour availability for customer orders
- PCI compliant
- Electronic invoicing
- See open orders & shipments
- Supports multiple payment gateways
- Real-time KPIs

- Credit card processing integrations like Authorize. net, Cardconnect & Chase Paymentech
- Tailored shopping cart integrations available like Shopify, Magento, & WooCommerce
- Banking integrations such as Bank of America, Chase, US Bank & Wells Fargo
- Works with Shipping Integrator

BENEFITS

- Increase the speed & accuracy of order processing
- Facilitate convenient customer access to your business
- Receive payments quicker
- Improve cash flow
- Trim your sales force
- Fully integrated into your ERP software

EDI

Keep ahead of the competition by completing routine customer transactions using Electronic Data Interchange (EDI) technology.

- 810 – Invoices
- 820 – Payment order remittance advice
- 830 – Planning schedule with release capabilities
- 850 – Purchase order
- 855 – Purchase order acknowledgment
- 856 – Advanced ship notice (ASN)
- 857 – Combination of 810 & 856
- 860 – Purchase order change request
- 862 – Shipping schedule
- 865 – Purchase order change acknowledgement

- Uniform communication with trading partners
- Fully-automated inbound EDI processing available
- Multi-user & multi-location support
- Inbound interactive error handling
- EDI integration with a growing list of top EDI solutions, including 1EDISource, BDO Zephyr, Crisp, DataTrans, Edibar, iConnect, J-COM, OpenText™ (including purchased Liaison customers), Redwave, SPS Commerce & True Commerce

BENEFITS
- Simplify customer transactions
- Save time, paper & processing
- Fewer errors & improved accuracy
- Reduce clerical workload & phone time
- Higher productivity without increased staff
- More timely communication
- Rapid exchange of business data
- Improve production cycle
- Better market position relative to non-EDI competitors
- Reduce administrative costs

Estimating & Quoting

Track your true costs in real time. Generate detailed routers. Create accurate, data-based quotes. All from one powerful software module.

- Generate quotes from single level & bill of material (BOM) estimate & routers
- Automatically generate sales orders when you win quotes
- See variance between actual & estimate costs
- Easily quote repeat orders using data already in the system
- Track quote status by date range, customer, or salesperson
- Use "what if" capabilities to promise accurate delivery dates
- Instantly send customer quotes via email
- Automatically convert prospects to customer status when you win a quote

- Review quote won/lost trends by customer, salesperson, or quote number
- Compare actual versus estimated time for each job sequence/step
- Quickly adjust estimates & quotes when material costs fluctuate
- Turn sales orders into work orders
- Analyze estimate vs. actual vs. budget over the life of the project
- Know exact costs of each part
- Integrate Product Configurator for automatic estimating & quoting
- Simplify quote to order to job flow

- Use of similar routings & existing estimates to quickly recalculate at different quantities
- Compare estimate vs actual for labor, materials, outside costs, assembly details & more
- Integrate with Shop Floor Data Collection to refine your estimates
- Update repeat routers with actual averages using data from completed work orders
- Track BOM & router changes while only allowing work orders to be created against completed BOMs & routers
- View prior quotes & sales while creating new quotes

BENEFITS

- Meet the customer's need for speed
- Guess less, know more
- Hone your competitive edge
- Get quotes out faster & more accurately
- Identify margins that will satisfy customers & your business

HR & Payroll

Manage your employees and employee benefits in your ERP software. The features and functionality listed here represent our default integration with AllianceHCM.

- Integrate & export to over 15 payroll options including AllianceHCM, ADP®, Paychex® & Paycor
- Track labor by direct, indirect, overtime, red time & more
- Department & shift management
- Measure standard hours by employee, department, shop or machine
- Employee performance measurement
- Store employee data, training & documentation
- Real-time reporting
- Updates to GL

- Flexible time & attendance rules
- Calculate regular time, overtime & double time hours based on basic overtime rules
- Direct deposit
- Multiple payrolls (hourly, salary)
- Health insurance processing (deductions)
- 401K percentage, fixed & employer matching
- Benefits & tax deductions
- Electronically file W2s
- Garnishment deductions
- Automatically calculate employer's FICA

- Vacation & sick time accruals
- Declining balance deduction
- Journal entries, W2s, ACA, commissions
- Monthly SUTA & FUTA tax & taxable wage calculations
- Quarterly SUTA & FUTA taxable wages calculations
- Federal, state & local tax calculations
- Earnings & tax history
- Tax preparation reports
- Daily and/or weekly hours, weekend & holidays

BENEFITS
- Performance management & measurement for your employees
- Safe & secure employee data & documentation
- Reward the best & coach the under-performing using accurate, real-time data
- Real-time reporting & Dashboards

Inventory

Perform inventory tracking, BOM cost buildups, cycle counting and other essential materials and inventory management functions in one powerful, integrated application.

- Inventory tracking & optimization
- Easily visible supply & demand
- Inventory drop tracking
- Inventory status of multi-level bill of material (BOM) assemblies
- Cycle counting & physical inventory
- Real-time inventory data
- Inventory accounting
- Real-time, automated MRP purchasing
- Material requirements planning
- Material certification tracking
- Vendor material tracking

- Mobile tool tracking
- Forecasting for purchased & manufactured parts
- Purchasing/receiving
- Purchase history
- Wireless data entry & barcode scanning
- BOM cost build-up & costing detail
- Multi-level BOM assembly system
- Bin, lot, heat & serial number tracking
- Multi-bin tracking
- Bin-to-bin transfers
- Multi-location tracking
- Real-time adjustments to part & lot-bin counts
- Part number generator

- Consolidated parts list
- Customer & vendor part cross-referencing
- Print barcode labels
- Print move tickets
- Vendor Status & Performance Dashboard
- Inventory history & usage reports
- "Where used" reports
- Product line reports
- Issue material from the field with the Field Service App
- SOLIDWORKS, Solid Edge & Autodesk Inventor integrations
- Nesting & tool crib integration
- Vending machine integration

BENEFITS
- Accurate, detailed inventory management
- Simplify material ordering to manage supply
- Faster, more accurate physical inventories
- Reduce unnecessary inventory
- Real-time tracking reduces lost & misplaced parts
- Reduce manufacturing costs
- Eliminate multiple spreadsheets
- Minimize production delays
- Improve on-time delivery
- Detailed vendor performance & inventory tracking

Job Costing Accounting

Intimately know cost breakdown for inventory, WIP and COGS to easily identify areas for improvement using FLOOOM.

- FLOOOM = freight, labor, overhead, outside services, other, material
- Breakdown manufacturing costs from the lowest level component to the finished good
- Freight cost component
- Labor cost component
- Overhead cost component
- Outside services cost component
- Other cost component
- Material cost component
- Historical inventory costs

- Ability to post to cost of goods sold (COGS) by cost element
- Percentage of each cost component
- Know cost element dollars
- Financial & sales statements
- Sales analysis including costs by cost element
- See if backdating occurred
- Ability to analyze overhead costs absorbed vs. actual costs
- Inventory to GL reconciliation tools
- WIP to GL reconciliation tools

BENEFITS

- Intimately know your finished goods costs for each product line
- Cut down on inventory & production costs
- See trends in costing
- Enjoy powerful historical tracking capabilities
- Easily determine if processes should be brought in-house or outsourced
- Fine tune your manufacturing production process to improve your bottom line
- Experience exceptional reporting options
- Single screen views with Dashboards

Key Performance Indicators (KPIs)

Make better management decisions proactively using industry-specific KPIs.

- Quantifiable, measurable & actionable indicators
- Cost analysis by customer or product line
- Sales analysis
- On-time delivery
- Inventory
- Quality & rework
- Employee & workcenter productivity
- Historical data trends
- Executive summary

- Drag & drop capabilities
- Drilldown into data
- Custom-built KPIs
- KPI reviews
- Use internal & external industry data
- Measure factors that are critical to the success of the organization
- Tied to business goals & targets

BENEFITS

- Improve forecasting & benchmark results
- Create a proactive decision-making culture
- Eliminate management by fire & reactive decision-making
- Encourage changes in thinking & actions
- Use evidence-based management to predict actions & results
- Possess a valuable training & business management tool

Label Printing

Easily create professional-looking, compliant labels for everything from material handling to PO receipts, from barcodes to bin labels, and more.

- Shipping label
- Material handling label
- PO label
- Receipt (menu & mobile) label
- Bin-to-bin transfer (menu & mobile) label
- Barcode label
- Sales order label
- Standalone issue & receipt label
- Physical inventory (menu & mobile) label
- WIP to FG label
- RFID label

- Mailing label
- Work order (WO) label
- Issue material to WO (menu & mobile) label
- Bill of lading shipping label
- Thermal labels
- Reprint options
- 1D & 2D barcodes
- Design your own labels
- Mobile printing
- No duplicate entry required
- Supports all printers with a Windows driver
- CODESOFT labels are standard

BENEFITS

- Easily create, print & reprint the labels you need
- Print barcode labels on the spot during physical inventory counts
- Scan & print move tickets with a portable label printer from anywhere on the shop floor
- Eliminate manual data entry & complex merging
- Simplified label printing by automatically pulling info from your third-party application

Nesting Interface

Integrate your ERP software and your nesting software to automate and simplify your cutting process.

- Share cutlist details, material drops, scrap, estimates for routing, work orders & more from your nesting software

- Track scrap

- Material estimates

- Receive & create material drops/remnants information

- Multiple work orders, one cutlist

- Two-way communication

- Integrate with cutlist application

- Integration with scheduling

- Integration with material handling

- Unattended & manual versions of the export & import

- Issue material to all work orders in a single nest at once

- Allocate waste to work orders to get accurate costs

- Clock into all work orders in a nest at once by generating flex schedules

- Print move tickets for each work order in a nest

- Import part separation labor data with Trumpf interface

- Interfaces with SigmaNEST, Ncell, Trumpf, ProNest, Metamation, BySoft, PEP, RADAN & more

BENEFITS

- Save labor hours including machine cut time
- Get accurate material estimates
- Enjoy better inventory management
- Optimize production
- Prevent material waste
- Improve production scheduling
- Reduce costs
- Simplify shop floor production

On-Premise ERP

Manage all the modules you need at your facility with On-Premise ERP software.

- Integrated ERP
- In-house deployment
- Select servers, computers & other hardware to run your ERP
- Control security & privacy
- ERP at your pace
- Manage updates & backups
- Own the data

- Use your own in-house IT
- Uptime dependability
- Ensure organization compliance
- No annual hosting costs
- System reliability
- Manage, modify & troubleshoot the system as you see fit

BENEFITS

- Total ownership & control of your ERP software
- Update & upgrade when you choose
- Be your own IT

Order Management

Manage and protect job documents more effectively.

- Access your order management data anytime from anywhere
- Know where everything is with order details
- Send real-time order status updates to customers
- Sales order entry & invoicing
- Open order reporting
- Easily apply router changes to rate tables
- View part supply & demand on order from POs & work orders
- Part cross-reference enables order entry by inventory or vendor part number
- Use customer or prospect master to keep orders consistent
- Integrate with EDI for simple sales order entry
- Instantly send invoices & shipping schedules via EDI

- Track customer buying patterns with detailed sales order/billing histories
- Review open orders by type
- Track orders shipped &/or invoiced in real time
- Automatically apply price changes to open orders
- Improve forecasting accuracy with business reporting/analytics
- Automate manual order management
- Avoid overstocks & stockouts
- Track inventory quantities across multiple locations & sales channels
- Flexible order entry to handle blanket orders
- Print multiple lines of PO descriptions
- Pre-set credit limits for each customer

- Line item shipping schedules
- Multiple pricing schemes
- Quantity price breaks
- Contract pricing
- Alternative discount methods
- Time & material billing
- Down payment billing - progress payments
- Direct link to AR & general ledger
- Unlimited text descriptions
- Sales Order Acknowledgment forms
- Credit card transactions
- Tons of reporting capabilities
- Integrated with Shipping to ship orders on time
- Integrated with Accounting for easy invoicing & billing

BENEFITS
- Build customer confidence & trust
- Use to win more orders to grow your business
- Improve inventory management
- Cut costs
- Improve shop floor efficiency
- Improve customer service

Paperless

Paperless software called GS Mobile simplifies transactions and control by executing a variety of transactions from anywhere in the shop via mobile devices.

- Enter transactions from anywhere in the shop & optionally via the internet
- Locate parts & materials via handheld device
- Inventory transfers (bin to bin, location to location)
- Record transactions in real time
- Material issues/kitting to work orders
- Physical inventory & cycle counting
- Customize transactions

- Standalone inventory adjustments
- Wireless barcode scanning
- Move tickets
- Pick, pack & ship
- Shipping & staging
- Load planning & paperless pick list
- Raw material tracking
- Finished goods tracking
- Mobile tool tracking
- Purchase order receipts
- Labor transactions

- Labor reporting for field-service employees
- Access with handheld wireless devices
- Print from anywhere
- Uses current wireless network
- Sync barcode data from the field with the Field Service App
- Full-service implementation plan
- Available list of hardware & barcode solution vendors

BENEFITS
- Simplify material transaction leading to lean manufacturing
- Unprecedented speed, visibility & control
- Ensure pinpoint accurate inventory
- Eliminate data entry errors with barcoded labels
- Cut shop labor time
- Efficient material handling & workflow gains
- No delays in data entry
- Record material transactions faster

Preventative Maintenance

Never miss a scheduled maintenance operation with this ERP application.

- Machine maintenance operations
- Preventative maintenance routers
- Tool & calibration schedules
- Schedule machine maintenance operations by frequency of hours & number of days
- Generate preventative maintenance work orders by part, bin, or workcenter
- Establish cutoff dates to limit the number of work orders generated

- Schedule work orders weeks or months in advance
- Various preventative maintenance types
- Cost history by equipment & tool
- Full documentation of scheduled maintenance
- Work orders for parts are auto-generated by specified timeline (spec generated)
- Maintenance control in one place

BENEFITS

- Keep equipment maintenance up to date & on schedule
- Sustain maximum machine performance & maintenance predictability
- Minimize equipment downtime
- Flexible maintenance scheduling
- Know true machine maintenance costs

Process Documentation & Training (PDT)

PDT allows you to record and document your ERP software processes for auditing, certification and training.

- Record screen captures of any ERP task
- One-click start to record or access library
- Add detailed descriptions to any step
- Multiple training documents allowed per task
- In-menu training

- Automatic notification of changes with new releases
- Standardized SOPs to assist with ISO certifications
- Quickly update documentation
- Access quality documentation with a click of the button
- Launch by right-clicking menu item

BENEFITS

- Easy, simple process tracking in a fraction of the time
- Elimination of paper procedure binders
- Improved new & continuing employee training

Product Configurator

Allow your customers to place orders based on your product suite.

- Self-service online ordering system
- Predefined options
- Rules-based functions
- Current material list on options
- Create assemblies of common options & order requests

- Configurable part numbers & descriptions
- Automatic price updates
- Builds BOMs, routers & prices from selected options
- Customizable

BENEFITS
- Simplify your quoting process
- Speed up the ordering process
- Increase order accuracy
- Improve customer experience
- Save on labor costs

Project Management

Manage complex projects with ease through features that let you tie together all work orders, recognize revenues, and properly allocate costs over extended time periods.

- Flexible project management parameters
- Project status & completion percentage
- Projects by work order number
- Work breakdown structure (WBS) available per phase
- Project ties together quotes, sales orders, work orders & invoices
- Estimated budgets for sales & cost with profit visibility
- User-definable project groups

- User-specific security & validation
- Checkpoints captured by date to show changes in estimates & cost
- Multi-level bill of material (BOM) work orders
- Project profitability across dates
- Budgets by work order or project group
- Estimate vs actual by budget or phase
- Estimated time to complete calculation
- Sales analysis by product & customer
- Revenue recognition flexibility

- Consolidate costs from work orders, quotes, sales orders, POs, invoices & shipments
- Project costing snapshots at any given point in time
- Grouping by similar functions for reporting
- Drilldown into detail of costs
- Open order reporting
- Collect all active data for a project
- Quote to cash visibility
- Data comparison between original budgets, estimates & actual performance

BENEFITS

- Keep projects on time & on budget
- Maximize project revenue & control costs
- Recognize revenue based on a ratio of actual vs. estimated costs
- Highly visible, accurate & transparent data calculation
- Analyze data of all project costs with customizable reporting capabilities

Purchasing

Take control of your inventory using this application that helps you buy materials for less while improving product quality and on-time delivery.

- Perform all purchasing activities from one screen
- Purchase raw materials to the job & inventory
- Use reorder points to keep inventories at appropriate levels
- Know required purchasing actions when jobs change
- Eliminate costly jobs/ materials mismatches
- Have more time to research vendors & negotiate better deals
- Eliminate isolated purchases that increase overhead & operating costs
- Use Auto Purchasing feature to review what needs to be purchased daily
- Easily reschedule raw material deliveries when due dates change

- Forecast future buying based on customer history
- Simplify volume/ discount buying
- Submit RFQs to vendors via email
- Use the purchase requisition approval system
- Enable order entry by inventory part number or vendor part number
- Create purchase orders by selecting inventory or vendor part number with the cross-reference feature
- Print multiple lines of descriptions on POs
- Simplify outside service POs
- Automate the creation of POs to update inventory levels upon those PO receipts
- Evaluate vendor performance

- AP link allows for variance analysis between purchasing receipts & invoices
- Receive parts through inspection, to inventory or directly to a job
- Display parts purchased to inventory when the net value drops below the reorder point
- Display parts purchased to work orders along with work order number, suffix & sequence
- Display parts purchased to sales orders along with the sales order number & line
- Requisitions can also be included in the selection
- Go paperless for greater cost savings

BENEFITS
- Know exactly what to buy when
- Enjoy faster analysis & decision-making
- Save time & money
- Eliminate the need for multiple purchasers
- Transform purchasing into a competitive advantage

Quality Control

Minimize waste and maximize value when you track scrap, assign cause and corrective actions, and manage other essential quality control functions.

- Quality control for manufactured & purchased parts
- Simplify qualifying for & maintaining ISO & QS-9000 certifications
- Capture purchased, inventory & manufactured rejects
- Isolate major areas of quality
- Manage engineering change notices
- Process cause & corrective actions
- View scrap trend quantity or dollars by date range, workcenter, op code, vendor, department, employee, geographically & scrap reason code
- Capture real-time data of non-conforming parts
- Monitor step completion
- Create quality records automatically

- Create a table of reject reason codes
- Select a disposal action from several options
- Isolate quality info using multiple variables
- Satisfy custom requirements
- Write timecard entry & online shop floor to a quality file
- Generate a cause & corrective action number from a Returned Materials Authorization (RMA)
- RMA forms, return process, workflow & history
- RMA & rework processing
- Issue new material
- Issue tracking number to rejects
- Disposal action options
- Serial number tracking

- New owner tracking
- Engineering sign-off
- Electronic sign-off
- Engineering change control of revisions or inactiviations
- Warranty history
- Validation process on vendor master
- Customized quality records
- Report on the total cost of quality
- Non-conformance reporting by vendor, customer, employee, department
- New vendor approval process
- Root cause analysis
- Maintain a detailed history file for all completed transactions
- Simplified data entry
- Quality Dashboard

BENEFITS

- Isolate & manage quality at the highest level
- Easily get & maintain certifications for ISO or QS-9000
- Simplify managing rework, rejects & scrap
- Eliminate recurring quality problems & focus efforts for continuous improvement
- Experience thorough & accurate compliance documentation in minutes, not hours or days
- Minimize variance with "Winners & Losers" report
- Enjoy complete traceability of every part

RFID Technology

Use the latest technology to make routine tasks like clocking in and out and factory automation simple.

LABOR

- Capture information automatically
- Log-in consolidation
- Employee clock in/clock out
- Employee time tracking
- Complete edit history for any employee
- Advanced search & filter options
- View all clock events for all users of the system
- Confirm, deny, or edit user's edit requests
- Clock event pop-up notifications
- Alternate option to biometric

FACTORY AUTOMATION

- Inventory tracking
- Bin-to-bin transfer tracking
- Issue material to work order tracking
- PO receipt tracking
- WIP to FG tracking
- RFID system map editing
- Company settings for how RFID tags are tracked
- Recent system warnings & errors list
- RFID Dashboard to monitor zone transactions
- Load validation
- Tool tracking

BENEFITS

- Consolidated access systems for hourly & daily time savings
- More efficient, faster & simple log-ins
- Strong security & more accurate data
- Increased reliability & speed
- Reduce technology costs & human error
- Modernize your shop using 21st century technology

Routing

Optimize your production process by outlining how the parts you make are routed through your shop, showing you the required material, labor and/or outside processes needed.

- Easily access tasks, workcenters & sequence for every product
- Ensure all production processes are listed in correct order
- Easily modify, update & audit changes to routers
- Integrate material requirements from the router to the BOM
- Access product drawings, documents & specs through the router
- Quickly create new/ use existing routings for customer quotes

- Use Dashboards & reports to see router details
- Add comments or text blocks to further define an operation
- Quickly identify estimated costs of a part
- Use existing routers/ estimates to recalculate different quantities
- Express materials in multiple units of measure
- See material quantity pricing breaks, labor setup frequency & advanced material calculators

- Tailored to match your production steps
- Smartly schedule routings using Advanced Planning & Scheduling module
- Schedule Preventative Maintenance routers to decrease downtime
- Use Shop Floor Data Collection stations to easily see the router
- Use Product Configurator to automatically create routers
- Go paperless with barcoded routers

BENEFITS

- Simplify planning & scheduling with accurate routers
- Improve on-time delivery
- Estimate costs & generate quotes faster
- Reduce production errors, rework & downtime
- Enhance cost accuracy

Sales

From order entry to invoicing, shipping and sales analysis, ERP Sales software gives you the data you need to simplify your sales management function and grow top-line revenue.

- Sales order entry
- Sales order management
- Multiple sales order types: standard, consignment, invoice only, progress bill, etc.
- Generate quotes
- Track quote won/loss reasons
- Convert quotes to sales orders
- Variety of pricing & discount options in multiple currencies
- View order status
- CRM & customer service
- Real-time customer inquiries

- Pick lists
- Customs invoices
- Past due invoice tools
- Stage shipments with shipping labels
- Bills of lading
- Open order reports
- Bookings reports
- Profitability reports
- Win/loss percentage reports
- Real-time KPI reports
- Sales analysis (product & customer)
- Open order & customized sales analysis
- Current & historic sales cycles analysis

- Forecast demand
- Analyze order/job mismatches
- Visible inventory supply & demand
- Shipping Dashboard
- PO Confirmation Dashboard
- Open Sales Order Review Dashboard
- Credit card gateways integration
- UPS, FedEx® and USPS integration
- EDI integration
- Shopping cart data collection/web integrator
- Product Configurator integration

BENEFITS
- Close sales quicker
- Improve customer satisfaction & on-time performance
- Leaner sales processes from simplified sales orders
- Real-time access & analysis of your sales data
- Customized sales analysis & reporting

Shipping

Ensure orders are shipped accurately and on-time to build the trust of your customers.

- Stage shipments faster & more efficiently
- Easily integrate with FedEx, UPS & USPS
- Some international shipping options & the ability to add the commodity Harmonized Code & Country of Origin
- Facilitates the following picking methods: wave, batch, product, one-scan & scanner
- Track shipments using only the tracking number
- Know status of all shipments with Shipping Dashboard
- Generate EDI advance ship notices

- Quickly identify estimated shipping costs
- Easily review all shipments made throughout the day
- Use Assembly Lookup to ensure material certs accuracy
- Easily export data from your ERP software to your shipper
- Selectively purge old tracking data by date range
- Know instantly whether a package has left your facility
- Track shipment schedules
- Create default settings for boxes requiring specific dimensions

- Get instant quotes from shippers
- Review orders shipped during specified date ranges
- Use smart packing lists for easy shipment
- On-time shipping report
- Integrate with Mettler-Toledo PS60 or BC60 scales connected with USB
- Integrated with Label Printing application for easy barcoding & labeling
- Integrated with RFID Technology for logging in & out of shipping jobs

BENEFITS

- Simplify your shipping process
- Stage, pack & ship product hassle-free
- Improve on-time delivery
- Integrations with shipping software reduces human error
- Improve customer service

Shop Floor Data Collection

Track time, attendance, labor costs, inventory and other shop floor performance metrics with remarkable precision and ease.

- Track employee time & attendance
- Real-time material data collection
- Log in & out of jobs
- Log in & out of work orders
- Complete a job/all jobs on a workcenter
- Log unattended jobs
- Add jobs to an employee
- Add employees to a job
- Update move tickets
- Simple time card input
- Measure employee performance

- Vacation, holiday, & excused absence codes
- Use RFID, barcode, biometrics or touchscreen to do work in the system
- Flexible time & attendance rules
- Set-up shift schedules
- Capture time applied to work orders
- Change the workcenter to be used
- Access outside process PO info
- Issue material
- Request purchase orders
- Payroll links

- View percent complete by pieces & hours
- View live dispatch lists
- View current work in process by employee, workcenter, job, department or supervisor
- View details on work orders
- View inventory status
- View work orders
- View purchase requisitions
- View job packets
- Clock in & out & collect labor data in the field with the Field Service App

BENEFITS

- Flexible job & people management tool
- Improved employee productivity
- Accurate data for reporting
- Control labor costs
- Accurately predict delivery dates

Shop Management

Quote, estimate, assign job costs, optimize capacity planning and much more in real time with amazing precision and accuracy to meet customers' demands.

- Shop floor control
- Operation scheduling/ production planning
- Automated work order generation
- Capacity planning
- Material resource planning
- Master work order schedule
- Workcenter load details
- Capture purchasing costs & pass onto inventory
- Job costing
- Multi-level BOM scheduling
- Shop floor reports
- Quote generation from estimate and/ or standard router or BOMs
- 'What if' scheduling

- Advanced calculators such as cutlist, sheet, bar stock, stamper, plastics & more
- Live dispatch lists
- Know what direct or indirect work is happening from a single real-time screen
- Forecast labor & materials
- Real-time customer service
- Drill down into detailed data
- Estimating with pre-defined pricing matrix or adjust quoted price or profit percentage at will
- Overhead analysis
- Quoting/quote won/ loss analysis
- Behind schedule analysis

- On-time delivery performance analysis
- Performance measurement
- WIP reports
- Variance reports
- Material status review
- Outside process scheduling reports
- Workcenter efficiency reports
- Workcenter backlog reports
- Consolidated setup reports
- Manage jobs in the field with the Field Service App
- Machine integration
- Nesting integration
- Labor Performance Dashboard

BENEFITS
- Stay on track & meet production deadlines to run profitably
- Every detail about your manufacturing is a click away
- Accurate workcenter data & scheduling info
- Access to live data as jobs & projects are completed
- Accurate costs so you can price competitively

Tailored ERP

Global Application Builder Software Development Kit (GAB SDK)

Customize screens, create new applications, and extend software capabilities to fit your needs without changing underlying data structures.

- Customize, augment & add functionality to existing screens
- Automate processes
- Create workflows
- Tailor reporting & label processing
- Schedule reporting
- Implement business rules
- Manage data flow
- Enhance functionality
- Create applications, Dashboards & reports
- Add user-specific security & validation

- Access a variety of GAB projects created by us & other ERP users from The ARC Store
- Create custom ERP sub-systems that integrate with the base package
- Fully-integrated development environment (IDE) like Visual Studio®
- Integrate with third-party APIs and office software suites
- Interact with ethernet or serial-connected shop floor machining centers & SCADA packages

BENEFITS

- Tailor your ERP software to fit your unique operations with limitless possibilities
- Enhance your existing screens for increased functionality
- Customize reporting & schedule processing
- Control data integration for maximum efficiency
- Gain an edge over competitors with less flexible software

Version Management Software (VMS)

Manage and protect job documents more effectively.

- Document/file version management
- Store files & versions with multiple revisions in database
- Document access control
- Compare multiple versions
- Check-in/check-out function
- Customizable working directories
- Control viewing, printing, email
- Visibility of who made changes
- Record date/time changes
- Historical changes visibility

- Rollback to older file versions
- Simultaneous change prevention
- Multi-level security options
- Print & email security
- Link & file type level security
- Document file stored in database
- User defined number of previous versions
- Integrated with the Document Control application

BENEFITS

- Eliminate stacks of paper
- Eliminate version-related errors
- Full tracking of document changes
- Peace of mind that the right people access the right documents
- Enjoy greater protection of document/data integrity

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