



**Chohan Group**  
**Business Development**

**& Partner**

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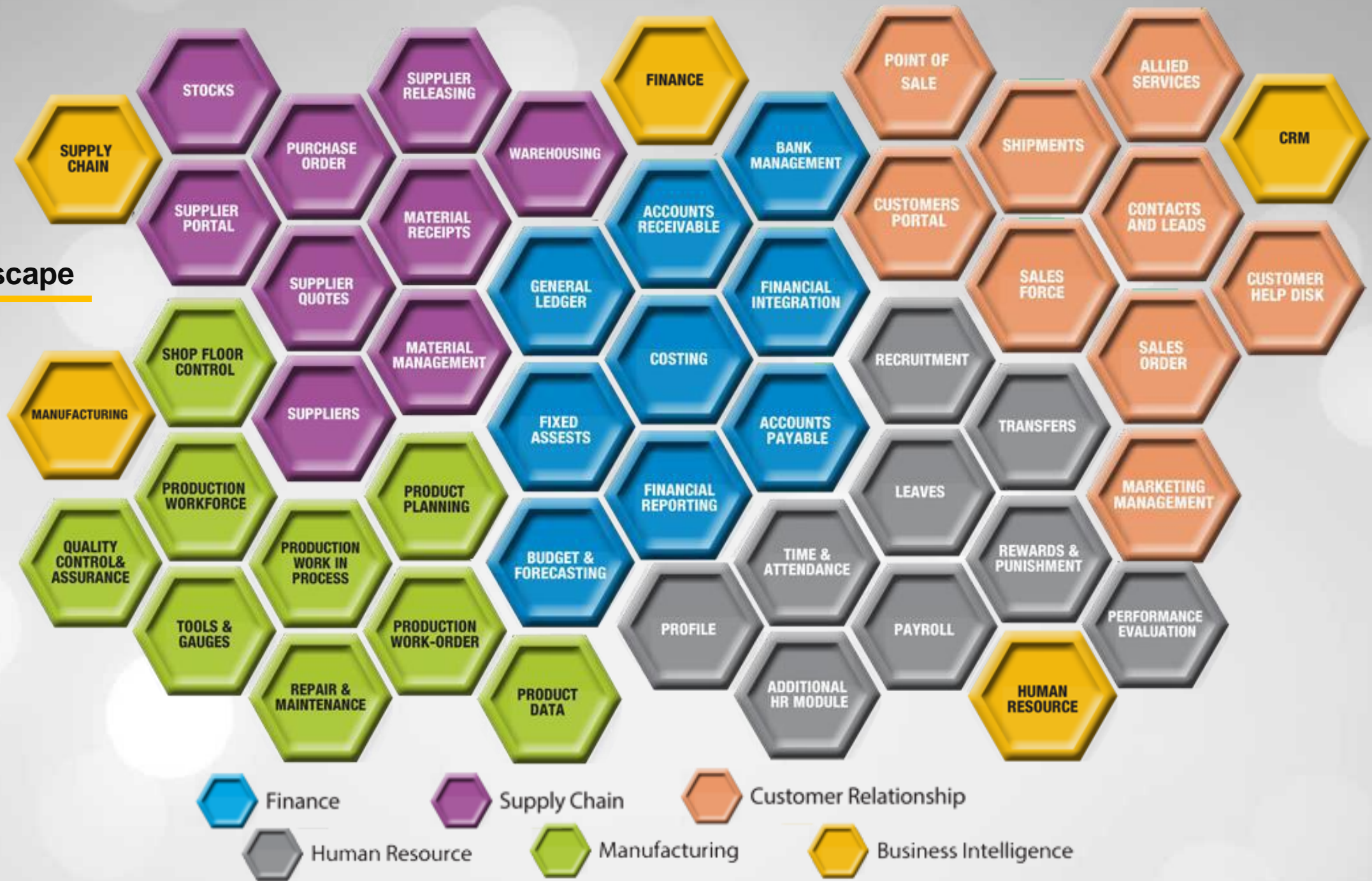
# ERP for RAILWAYS

- Considering the immense scope of work required in running the railway network on a day-to-day basis, without a glitch, the Railways has to systematically moved its processes towards an Enterprise Resource Planning (ERP) for ease of operations.
- The Railways needs to integrate its freight, passenger and administrative operations under an ERP software. As moving to an ERP for any organization is a Journey, which should be embarked upon step by step. As a first step, the Railways might start by working on a project for incorporating an **ERP solution** for Finance, procurement and sales. Specifically, in the e-tendering process, every tender will have to go through the electronic channel only. With such a move, the railways are expected to become more transparent and efficient. This would not only facilitate the participation of every stakeholder in the procurement process but would also ensure that all remain on the same page.
- The second benefit that is expected to arise is in the supply chain, which is cumbersome and difficult to manage. With the digitization of the supply chain, many of the impediments such as lack of inventory and quality control, corruption, etc., that currently assails the processes involved in supply chain management could be rectified.



**HONEYCOMB ERP** |  
**Product Overview**

# Product Landscape



# Financial Management



- General Ledger
- Accounts Receivable
- Accounts Payable
- Fixed Assets
- Costing Management
- Bank Management
- Budgeting & Forecasting
- Financial Reporting
- Financial Integration

# Financial Management

General Ledger	Accounts Receivable	Accounts Payable	Fixed Assets	Management Accounting
<ul style="list-style-type: none"> <li>• Multi-Company</li> <li>• Multi-Division</li> <li>• Multi-Currency</li> <li>• Variable Fiscal Calendar</li> <li>• More Than One Period Open</li> <li>• Flexible Quarterly Closing Periods</li> <li>• Flexible Chart of Accounts</li> <li>• Journal Voucher</li> <li>• Bank Payment Voucher</li> <li>• Bank Receipt Voucher</li> <li>• Cash Payment Voucher</li> <li>• Cash Receipt Voucher</li> <li>• Ledger Management</li> <li>• Closing and Audit Support</li> <li>• Trial Balance</li> </ul>	<ul style="list-style-type: none"> <li>• Customer Account Management</li> <li>• Cash &amp; Debit/Credit Note Management</li> <li>• Customer Billing Management</li> <li>• Invoice Related Document Attachments</li> <li>• Currency Exchange Rates with Variance</li> <li>• Delivery/Payment /Taxation Terms</li> <li>• Fiscal Period Calendar Roll Over</li> <li>• Aging Receivables</li> </ul>	<ul style="list-style-type: none"> <li>• Supplier Account Management</li> <li>• Cash &amp; Debit/Credit Note Management</li> <li>• Supplier Invoice Management</li> <li>• Invoice Related Document Attachments</li> <li>• Currency Exchange Rates with Variance</li> <li>• Delivery/Payment /Taxation Terms</li> <li>• Fiscal Period Calendar Rolls</li> <li>• Aging Payables</li> </ul>	<ul style="list-style-type: none"> <li>• Asset Registration</li> <li>• Asset Classification</li> <li>• Multiple Depreciation Methods</li> <li>• Composite Assets</li> <li>• Flexible Asset Structures</li> <li>• Asset Transfer/ Re-valuation</li> <li>• Asset Disposas/Retire</li> </ul>	<ul style="list-style-type: none"> <li>• Cost Center Accounting</li> <li>• Location Based Accounting</li> <li>• Department Based Accounting</li> <li>• Project Based Accounting</li> </ul>

# Financial Management

Product Costing	Bank Management	Budgeting	Financial Reporting	Financial Integration
<ul style="list-style-type: none"> <li>• Batch/Lot /Activity /Process Based Costing</li> <li>• Real Time Costing for Discrete/Process Manufacturing</li> <li>• Cost of Goods Sold (COGS)</li> <li>• Post Cost Allocation to GL</li> </ul>	<ul style="list-style-type: none"> <li>• Bank Accounts Management</li> <li>• Multiple Currency Accounts</li> <li>• Cheque Book Management</li> <li>• Auto Cheque Printing</li> <li>• Bank Ledgers</li> <li>• Bank Reconciliation</li> <li>• Bank Charges &amp; Profits</li> </ul>	<ul style="list-style-type: none"> <li>• Budget Control Management</li> <li>• Budget Accounting Management</li> <li>• Support for Multiple Budgets</li> <li>• Budget Methods: Fixed, Flexible and Total</li> <li>• Incremental &amp; Lapsing Budget</li> <li>• Budget Variance Reporting</li> </ul>	<ul style="list-style-type: none"> <li>• Financial Report Builder</li> <li>• Exporting Financial Statements in Other Electronic Formats</li> <li>• Create Statements Based on IAS</li> <li>• Statement of Financial Position</li> <li>• Statement of Comprehensive Income</li> <li>• Statement of Cash Flows</li> <li>• Other Compliance Reports</li> </ul>	<ul style="list-style-type: none"> <li>• Financial Integration Control</li> <li>• Auto Journal Voucher Creation</li> <li>• Activity Based Posting Controls</li> <li>• View Related Notes/Documents</li> <li>• Voucher Approval Workbench</li> </ul>

# Supply Chain Management



Material Management  
Supplier Management  
Warehouse Management  
Stock Management  
Supplier Quotes  
Purchase Order  
Material Receipts  
Supplier Releasing  
Supplier Portal



# Supply Chain Management

## Material Management

- Material Categorization
- Substitute Item Association
- Detailed Material Properties
- Unit of Measurement
- Multiple UOM
- Product Bill of Material
- Supplier-wise Prices & Rate History
- Obsolescence, Dead Stock & Inactive Materials
- Detailed Packing Information
- Material Consumption Information
- Stock Level
- Reorder Level

## Warehouse Management

- Multiple Hierarchical Sites, Stores, Racks /Bins
- Define Last Storing Location
- Item-wise Storage Capacity Management
- Association of Items with Storage Locations
- Auto Rack/Bin Creator
- Material Holdings & Reservations
- Material Store Return
- Material Adjustments & Relocation

## Stock Management

- Product Ledger
- Location Ledger
- Store Ledger
- Dynamic Stock Status
- LIFO/FIFO/Time Horizon Based Issuance
- Periodic Stock Movement Summaries
- Update of Perpetual Inventory
- Supply and Demand Management
- Consigned Inventory

## Supplier Management

- Supplier Registration
- Supplier Categories
- Engagement Terms
- Association of Items & Prices with Supplier
- Payment /Delivery Terms & Lead Times
- Supplier Performance Monitoring
- Supplier Evaluation & Grading

# Supply Chain Management

Supplier Quotes	Purchase Order	Material Receipts	Supplier Releasing	Supplier Portal
<ul style="list-style-type: none"> <li>• Supplier RFQ Management</li> <li>• Automated Procurement Processes</li> <li>• Full Tracking of Supplier Responses</li> <li>• Paperless Procurement &amp; Approvals</li> <li>• Tracks RFQ Responses</li> <li>• Supports Competitive Quoting</li> <li>• Generates Comparative Statements</li> </ul>	<ul style="list-style-type: none"> <li>• Manual or Auto Generated Requisitions</li> <li>• Combined Multiple Requisitions on Single PO</li> <li>• Direct Purchase Order</li> <li>• Manage Order Currency and Exchange Rate</li> <li>• Work Order and Sales Order Reference</li> <li>• Blanket Purchase Orders</li> <li>• PO Approval Workbench</li> <li>• PO Searching by Item, Supplier and Order</li> <li>• Advance and Partial Payment on PO</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple Receiving Against Single PO</li> <li>• Single Receiving Against Multiple POs</li> <li>• Allows Back Flushing of Selected Components</li> <li>• Just-in-Time Procurement</li> <li>• Material Supply Audit Trail</li> <li>• Ordered &amp; Actual Receipts</li> <li>• Complete Financial Integration</li> <li>• Accepted Quote Conversion to PO</li> </ul>	<ul style="list-style-type: none"> <li>• Flexible Purchasing Options</li> <li>• Release Management</li> <li>• Receive Advanced Shipping Notices (ASNs)</li> <li>• Letter of Credit Management</li> <li>• Load Planning</li> <li>• Shipping Management</li> <li>• Comprehensive Audit Trail</li> </ul>	<ul style="list-style-type: none"> <li>• Secure Web-based Supplier Interaction</li> <li>• Instant Quotes Against RFQs</li> <li>• Comprehensive PO Management</li> <li>• PO Order &amp; Delivery Status</li> <li>• Monitor Delivery Acceptance</li> <li>• Monitor Invoice &amp; Payment Status</li> <li>• Monitoring of Supplier Ledger</li> </ul>

# Human Resource Management



Organizational Structure  
Recruitment Management  
Profile Management  
Attendance Management  
Leave Management  
Tours & Expenses  
Payroll & Compensation

# Human Resource Management

## Organizational Structure & Hierarchy Module

- Detailed Hierarchical Organizational Structure
- Multiple Companies / Business Units / Divisions / Branches
- Multiple Department and Sub-departments
- Multiple Section and sub-sections
- Multiple Appointments, Positions, Job Assignment / Titles
- Multiple Scales, Grades, Cadres, Levels, Groups and Ranks
- Substantive / Officiating & Temporary / Permanent Positions
- Organizational Hierarchical Approved / Budgeted Strength
- Access Authorizations & Restrictions Based on Hierarchical Structure

## Recruitment Management

- Employee Requisition Process
- Centralized Job Posting through Job Portal
- Employees Referral Tool
- Detailed Applicant Profile / CV Uploading
- Applicant Shortlisting
- E-mail Notifications / SMS to Candidates
- Panel Interview Scheduling & Results
- Joining Letters to Finalized Candidates
- Applicant's Enrollment as Employees

## Profile Management

- Detailed Employee Profile & Dependents
- Employee Health Records Information
- Employment Roles, Responsibilities & Authorities
- Employee's Benefits Management
- Employee's Funds Management
- Multiple Reports on Various Criteria

## Attendance Management

- Organizational Rules based Attendance Management
- Manage Manual & Auto Attendance (Bio-metric/ RFID / Barcode)
- Management of 24/7 Work schedules in Multiple Shift Types
- Employee Work Shift Planning & Association
- Manage Emergency/Ad-hoc Shift Switching
- Holidays Management
- Employee Off-day Planning & Scheduling
- Attendance Exemption Management
- Manual Attendance
- Late-Time, Early Leaving Management
- Overtime Management based on Organizational Rules

# Human Resource Management

## Leave Management

- Type of Leaves
- Organizational Leave Rules
- Hierarchical Based Leave Posting & Approval Process
- Short Leave Management
- Leave Roll Back Option
- Employee Leave Record and History
- Auto Leave Carry Forward Widget
- Leave Encashment
- Direct Leave

## Transfer Management

- Manages Internal & External Transfers
- Handles Permanent & Temporary Transfers
- Period & Assignment Specific Transfers
- Manages Hierarchical Demand
- Transfer Approval Procedures
- Employee Transfer Reports & Records

## Training & Career Development

- Defining Internal / External Training Courses
- Employee's Training Need assessment
- Training Course's Waiting List
- Maintains Employee Training Assignments and Score Cards
- Manages Training Budgets & Expenses
- Employees Potential Employment Recommendations
- Training and Assessment Reports & Records

## Performance Evaluation & Appraisals

- Defining Key Performance Areas and Evaluation Factors
- Defining Weightage and Scoring System
- Defining Time Based Employee Targets
- Manage Various Types of Evaluations
- Manage Various Period Based Evaluations
- Systematic Hierarchical Evaluation Based on Assigned Target
- Systematic Hierarchical Evaluation Based on Personal Traits & Skills
- Performance Based Promotions / Appraisals
- Records & Tracks Employee Competence Levels
- Employee Grievances & Reviews

# Human Resource Management

## Rewards & Penalties

- **Reward and Incentive Types**
- **Discipline & Penalties Types**
- **Incident Reporting & Logging**
- **Reward Proposals and Approvals**
- **Penalties Recommendation and Approvals**
- **Rewards and Disciplinary Actions**
- **Employee Rewards and Penalties Reports**

## Release & Retirement

- **Types of Release & Retirements**
- **Resignation Processing**
- **Permanent & Temporary Releases**
- **Forced and Timed Retirement Based on Rules**
- **Final Clearance and Clearance Certificate**
- **Asset Release / Return and Adjustments**
- **Final Settlements and Compensation Management**
- **Employment Termination & Referral Letter**
- **Post-Retirement Benefits including Pension and Insurances**

## Tours & Expenses

- **Employee Position Based Entitlements**
- **Complete Tour Planning for a Single Person or a Group**
- **Tour Purpose & Objectives**
- **Identical / Repetitive Tour Planning & Execution Functions**
- **Hierarchical Tour Demand & Approvals Process**
- **Planning & Execution of Visits in Each Tour**
- **Tour Planning verses Execution Variance Reporting**
- **Tour Budgets & Expense Management Integrated with Finance**
- **Post Tour Review of Objectives and Cost Benefit Analysis**

# Human Resource Management

## Payroll & Compensation

- Management of Various Pay Scales / Wage Structure & Revision History
- Automatic Payroll Preparation, Pay Slip Generation and Posting to Accounts
- Manage Various Pay Types i.e. for Monthly, Weekly, Daily and Hourly Rates
- Manage Different Pay Cycles / Periods for Different Locations & Groups
- Manage Various Allowances Type (Regular & Irregular, Static & Variant)
- Manage Various Deduction Type (Regular & Irregular, Static & Variant)
- Request and Approval Process of Irregular Allowances & Deductions
- Deductions Linked with Funds & Donations Managed Separately
- Loan Request to Approval Process Based on Organizational Hierarchy
- Manages Various Types of Loans for each Employee Separately
- Manages Various Loan Scheduling & Merging Options
- Manages Various Overtime Rules and Organizational Policies
- Manages Organizational Policy Based Bonuses & Individual Compensations
- Integrated Tax Rules & Slabs & Manages Employee Withholding Salary Tax
- Manages Gratuity, Provident Fund, Social Security & Old Age Benefits
- Related Reports against Each Feature
- Direct Payroll Generation

## Employee Self Services

- Management of Various Pay Scales / Wage Structure & Revision History
- Automatic Payroll Preparation, Pay Slip Generation and Posting to Accounts
- Manage Various Pay Types i.e. for Monthly, Weekly, Daily and Hourly Rates
- Manage Different Pay Cycles / Periods for Different Locations & Groups
- Manage Various Allowances Type (Regular & Irregular, Static & Variant)
- Manage Various Deduction Type (Regular & Irregular, Static & Variant)
- Request and Approval Process of Irregular Allowances & Deductions
- Deductions Linked with Funds & Donations Managed Separately
- Loan Request to Approval Process Based on Organizational Hierarchy
- Manages Various Types of Loans for each Employee Separately
- Manages Various Loan Scheduling & Merging Options
- Manages Various Overtime Rules and Organizational Policies
- Manages Organizational Policy Based Bonuses & Individual Compensations
- Integrated Tax Rules & Slabs & Manages Employee Withholding Salary Tax
- Manages Gratuity, Provident Fund, Social Security & Old Age Benefits
- Related Reports against Each Feature

# Manufacturing Management



Product Data Management  
Product Planning  
Shop Floor Control  
Production Work Order  
Production Work-in-Process  
Production Workforce  
Repair & Maintenance  
Tools & Gauges  
Quality Control & Assurance



# Manufacturing Management

Product Data Management	Production Planning	Shop Floor Control	Production Work Order	Production Work-in-Process
<ul style="list-style-type: none"> <li>• Product Workflow</li> <li>• Product and Process Families</li> <li>• Product Recipes</li> <li>• Process Definition with Sequence</li> <li>• Multiple UOMs with Conversions</li> <li>• Product Bill Of Materials</li> <li>• Product Packing's</li> <li>• Product Catalogs</li> </ul>	<ul style="list-style-type: none"> <li>• Powerful Scheduling Tools</li> <li>• Planner's Workbench</li> <li>• Use Product Recipes</li> <li>• Work Center Capacity Planning</li> <li>• Work Order Planning</li> <li>• Bill of Materials Planning</li> <li>• Multiple Planning Cycles</li> <li>• Financial Measurement</li> </ul>	<ul style="list-style-type: none"> <li>• Hierarchical Work Centre Definitions</li> <li>• Machines &amp; Workforce Allocation</li> <li>• Work Center Capacity Management</li> <li>• Work Center Scheduling</li> <li>• Create Item-Specific Routings</li> <li>• Work Center Document Management</li> <li>• Work Center Flexible Reporting</li> </ul>	<ul style="list-style-type: none"> <li>• Flexible Work Orders Structure</li> <li>• Material Commitments to Work Order</li> <li>• Tracks Material &amp; Labor Costs</li> <li>• Establishes Consumption Timetable</li> <li>• Multilevel Back Flushing</li> <li>• Bills of Materials &amp; Routings</li> <li>• Multiple Costing Methods</li> <li>• Work-In-Process Visibility</li> </ul>	<ul style="list-style-type: none"> <li>• Automatic Process Assignment</li> <li>• Runtime Option for Change In Product Route</li> <li>• Sub/Merge Lot, Rework &amp;, Change Control</li> <li>• Process Travel Card (PTC)</li> <li>• Job Card with Lot History</li> <li>• Activate / Deactivate Lot &amp; Batch Controls</li> <li>• External &amp; Internal Vendor's Processing</li> <li>• Financial Visibility of Work-In-Process</li> </ul>

# Manufacturing Management

## Production Workforce

- Workload Forecasting
- Workforce Requirement Planning
- Workforce Scheduling Process
- Job Association with Workforce
- Target Association with Workforce
- Management of Work Timings
- Performance Monitoring & Analysis
- Employee Targets & Evaluations

## Repair & Maintenance

- Repair Work Orders
- Fault Tracking & Assign Shops
- Internal & External Repair Job Cards
- Inspections & Repair History
- Repair Work Load Control
- Material & Tools Association
- Maintenance Job History & Tracking
- R & M Work Center Performance

## Tools & Gauges

- Extended Tool & Gauge Definition
- Handles Returnable & Non-Returnable Tools
- Tools Store Requisitions & Procurement
- Tools Usage History & Costing Control
- Calibration & Inspection Plans
- Complete Change History.
- Tools Association with Work Centers

## Quality Control & Assurance

- Inspection at Pre, Mid & Post Levels
- Process Level Check Lists
- Multiple Process Tests
- Manages Quality Sampling Procedures
- Defect Checking
- Data Ranges for Acceptance or Rejection
- Tests Parameters Verification

# Customer Management



Marketing Management  
Contact/Lead Management  
Customer Management  
Sales Order  
Sales Force Management  
Customer Help Desk  
Customer Portal  
Allied Services

# Customer Management

Marketing Management	Contact/Lead Management	Customer Management	Sales Order	Sales Force Management
<ul style="list-style-type: none"><li>• Campaign Management</li><li>• Event Management</li><li>• Lead Generation</li><li>• Budget and expected ROI</li><li>• Outcome Analysis</li><li>• Leads Generation</li><li>• Monitor Sales from Campaign</li><li>• Campaign Cost Management</li></ul>	<ul style="list-style-type: none"><li>• Record Contact Details</li><li>• Search Contacts</li><li>• Track Leads based on Contacts</li><li>• Hierarchical Contact Management</li><li>• Synchronize Contacts with Outlook</li><li>• Lead Management</li><li>• Lead Conversion Lifecycle</li><li>• Customizable Lead Reports</li></ul>	<ul style="list-style-type: none"><li>• View Information Related to Customers</li><li>• Track Transaction History</li><li>• Price Offerings Management</li><li>• Set Follow-up Tasks and Appointments</li><li>• Track Purchase History</li><li>• Analyze Buying Patterns</li><li>• Manage Customer Documents</li></ul>	<ul style="list-style-type: none"><li>• Generate Quotes</li><li>• Generate Sales Orders</li><li>• Generate Invoices</li><li>• Convert a Quote to Order</li><li>• Flexible Payment Terms</li><li>• Flexible Shipping Terms</li><li>• Flexible Delivery Cycles</li><li>• Credit Limit Checks</li><li>• Flexible Pricing and Discounts</li><li>• Support for Multiple Currencies</li><li>• Support for Value Added Tax (VAT)</li><li>• Support for Advanced Taxation</li></ul>	<ul style="list-style-type: none"><li>• Sales Force Automation</li><li>• Activity Management</li><li>• Territory Management</li><li>• Sales Target Planning</li><li>• Sales Pipeline Management</li><li>• Sales Forecast Management</li><li>• Maintain Forecast History</li></ul>

# Customer Management

## Shipment Management

- Flexible Contract Management
- Synchronized Packing List
- Export Documentation
- Load Planning
- Shipment Notification
- Delivery information

## Customer Help Desk

- Manage Support Service Staff
- Service Repair and Order Control
- Warranty & Claims
- Flexible Billing
- Track Historical Data
- Customer Ticket Management
- Email-based Submission

## Customer Portal

- Secure Web-based Customer Interaction
- Instant Quotes Against RFQs
- Sales Order Management
- Sales Order & Delivery Status
- Delivery Acceptance/Rejection
- Online Billing & Payment Options
- Return Sales Management
- Monitoring of Customer Ledger

## Allied Services

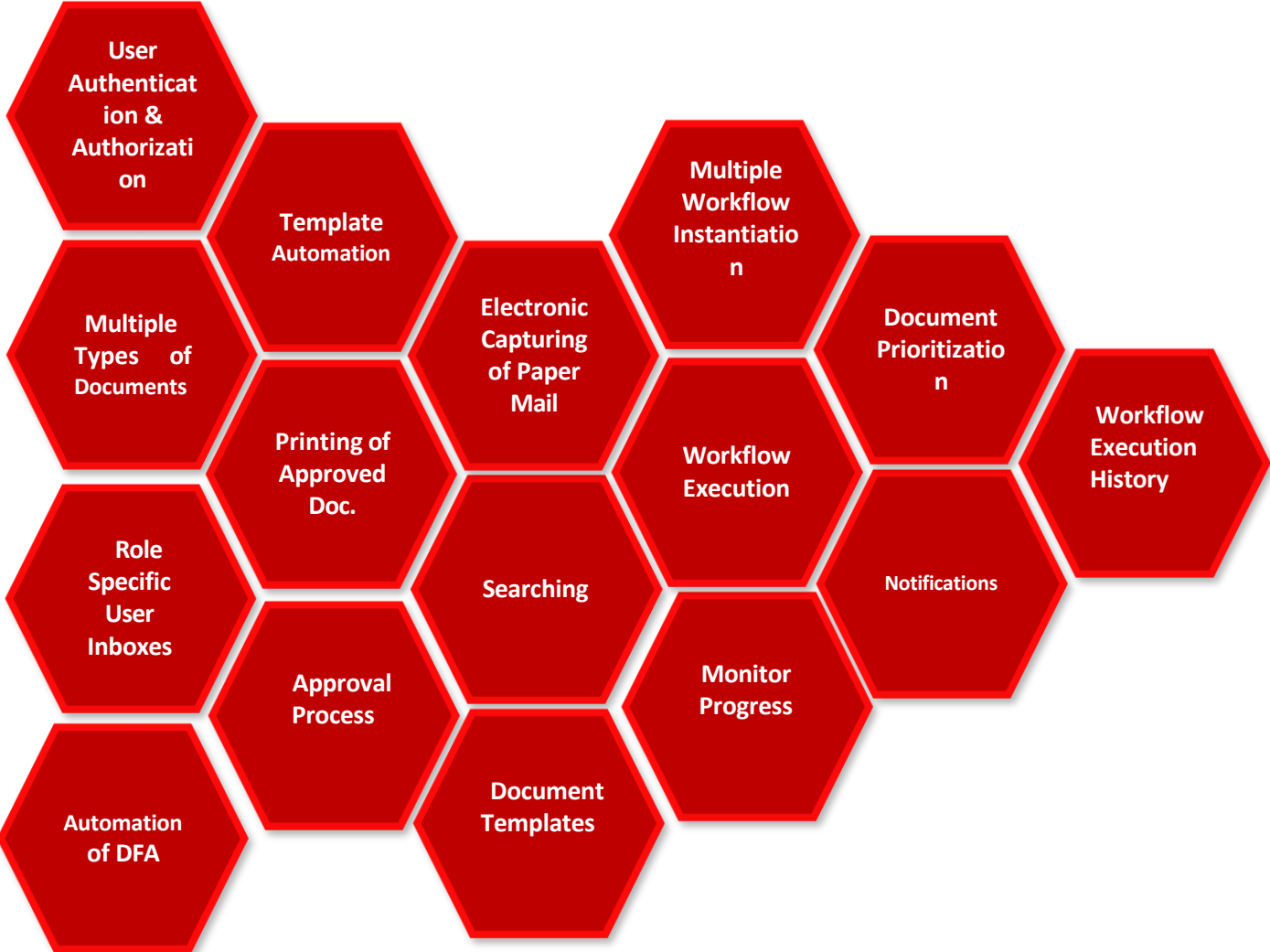
- Email Marketing
- Collaborative Environment
- File Attachments and Document Uploads
- SMS Integration
- Shared Calendrs
- POS System

# Project Management



- Project Master Data
- Project BOQ
- Project Budget
- Work Flow Management
- Quality Control
- Project Monitoring
- Project Expense
- Material Management
- HR Management
- Customer Invoice

# Document Management



- User Authentication & Authorization
- Multiple Types of Documents
- Role Specific User Inboxes
- Automation of DFA
- Template Automation
- Printing of Approved Doc.
- Approval Process
- Electronic Capturing of Paper Mail
- Searching
- Document Templates
- Multiple Workflow Instances
- Workflow Execution
- Monitor Progress
- Document Prioritization
- Notifications
- Workflow Execution History



# & Partner

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