



INNOVATION EVOLUTION GROWTH



Enterprise Resource Planning

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### **Our Vision**

Always adapt and out do the BEST

### **Our Value Proposition**

We provide solutions; that are a virtual you... solutions that vision, think, analyze and act the way you do. We bring to you your software clones.

### **Knows us better (company profile)**

TRIO Business Solutions Pvt. Ltd. is an IT company, predominantly belonging to the Enterprise Resource Planning, Business solutions and applications domain.

We are a product services company. Here we have an invincible synergy of competent IT expertise and business logic. Our skill sets include a varied and rich talent of IT developers, business logic providers and state of art technological resources.

Our solutions are an amalgamation of these well complementing resources and an adaption of best business practices. These solutions are built with a view of helping businesses indentify and tap their potential and reach the pinnacle of success.

We are players in the IT domain since last 23 years as Trio Computers Private Limited. In this enormous period we have gained immense knowledge and expertise. And thus we deliver the best of total business solutions through which companies of every era and arena have fought their challenges and emerged as winners.



## **Trio ERP....It's You...**

### **Trio ERP Total Business Solution**

#### **Overview**

You'll agree that the single biggest obstacle that can stop a business from becoming a leader in its field is lack of consolidated, global, real-time business information. Simply because information fragmentation is common problem that plagues organizations today.

Having data stored in many different systems your information from getting the timely, accurate information you need to thrive in the marketplace.

Which is why, what your organization needs is a single information repository. And Trio ERP is the only solution that can do this.

*"Reducing the complexity of your information systems while expanding the use of business information is not just a concern for the IT department, It also has a huge impact on your bottom line and can alter the fortunes of your enterprise."*

Successful information-driven enterprises need to follow three key principles:

**Simplify:** The best way to simplify IT systems and business operations is to consolidate information.

**Standardize:** Compatibility of all IT components is critical. It allows organizations to share data among their systems, across the front and back office.

**Automate:** It ensures that people in the organization can focus on what's critical to their business, rather than what's critical to keeping their software functioning.

And Trio ERP Total Business solution does all this for you.



### Solution Highlights

Trio ERP is an Enterprise Resource Planning enabling organization to Integrate seamlessly across Customers & Vendors, Manufacturing Units, Sales Depots, Distribution Units, Etc.

#### **What makes this product different?**

As the number of transactions that your business handles increases, this product will scale-up accordingly for transaction processing. This ability will save you time and money, and the hassle of redevelopment.

#### **How can this product decrease my overhead and increase my profits?**

When your data is stored and presented electronically, you decrease the costs associated with printed media. Online inventory and pricing changes are reflected immediately. This saves you the time and expense of having to reprint an entire catalog every time your prices change. Sales order processing costs be reduced as well.

#### **What can it do to improve customer service?**

It's a business driver...

- improve customer service
- promotes convenience, efficiency and accessibility
- increase private sector competition
- promotes efficient trading with business partners
- facilitates improved information management
- improves operating efficiencies including reduced acquisition cycle
- increase revenue by providing an additional channel to deliver goods and services



Industries:

Trio ERP Total Business Solution caters to the following industries.

<b>Sales &amp; Distribution</b>	<b>Manufacturing</b>	<b>Retail</b>
<b>Lifestyle</b>	<b>Engineering</b>	<b>Chain Stores</b>
<b>Pharmaceuticals</b>	<b>Pharmaceuticals</b>	<b>Shop in Shops</b>
<b>FMCG</b>	<b>Chemicals</b>	<b>Fast food chains</b>
<b>Chemicals</b>	<b>Automobile</b>	<b>Hyper Market</b>
		<b>Lifestyle</b>

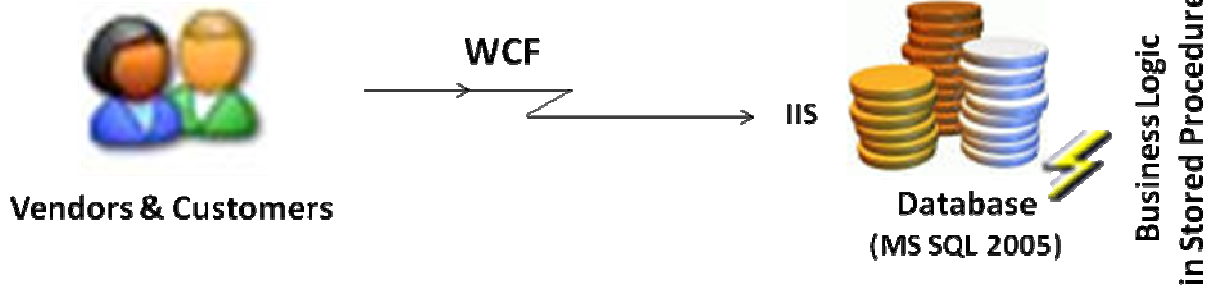


## Solution Highlights

### *Technical*

- The solution is architected on the Windows .Net 3.5 Platform with localization features using SQL Server 2005 as database backend for centralized as well as distributed environment.
- Windows communication foundation (WCF), SQL Server 2005 Reporting Services for standard and/or user generated reports and Notification Services for alerts and reporting to remote.
- It will use Smart Clients for local data entry, Customers & Vendors integration and remote units can connect to the centralized unit using Thin Client (including Mobile devices) which will be connected to the Server using Web Services.
- Windows Communication Foundation.
- All Business Logic including Data Tier Logic will be built using .NET Components which will inward/outward facing Web Services.
- The solution will be architected to be deployed in house as well as for distributed units.

**Application Architecture View**



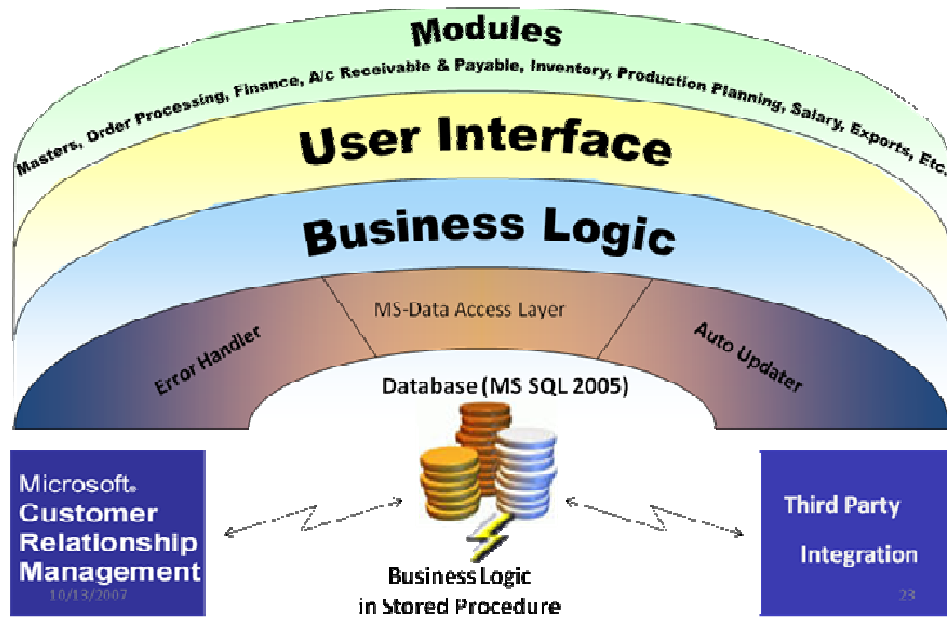
**Client/Server Application**

**User Interface & Business Logic in C#**



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### Component Architecture View





## Solution Highlights

### Functional – Modules

#### Sales & Distribution Module:

The Sale and Distribution (SD) module records sales orders and scheduled deliveries. Information about the customers (pricing, how and where to ship products, how the customer is to be billed, etc.) is maintained and accessed from this module.

Sub – systems:

- Master Data Management
- Order Management
- Warehouse Management
- Shipping
- Billing
- Pricing
- Sales support
- Transportation
- Foreign Trade

#### Material Management (MM):

The **Material Management (MM)** module manages the acquisition of raw materials from suppliers (purchasing) and the subsequent handling of raw materials inventory, from storage to work-in-progress goods to finished-goods inventory.

Sub - systems

- Pre – purchase activities
- Purchasing
- Vendor Evaluation
- Inventory Management
- Invoice verification & Material Inspection

### **Production Planning (PP):**

The Production Planning (PP) module maintains production information. Here production is planned and scheduled, and actual production activities are recorded.

- Material and Capacity planning
- Shop floor control
- Quality Management
- Just in time/Repetitive manufacturing
- Cost Management
- Engineering Data management
- Engineering change control
- Configuration Management
- Serialization/lot control
- Tooling

### **Quality Management (QM):**

The Quality Management (QM) module helps to plan and record quality-control activities, such as product inspections and material certifications.

- Quality planning  
Management of basic data for quality planning and inspection planning, material specifications, inspection planning
- Quality inspection  
Trigger inspections, inspection processing with inspection plan selection and sample calculation, print shop papers for sampling and inspection, record results and defects, make the usage decision and trigger follow-up actions
- Quality Control  
Dynamic sample determination on the basis of the quality level history, application of statistical process control techniques using quality control charts, quality scores for inspection lots quality notifications for processing internal or external problems and initiating corrective actions, inspection lot processing and problem processing, quality management information system for inspections and inspection results and quality notifications.



### **Financial Accounting (FI):**

The Financial Accounting (FI) module records transactions in the general ledger accounts. It also generates financial statements for statutory purposes.

- **Financial Accounting**  
General ledger, Accounts receivables and payables, special ledgers, fixed asset accounting, legal consolidation.
- **Investment management**  
Investment planning, budgeting, controlling, depreciation, forecast, simulation, calculation
- **Controlling**  
Overhead cost controlling, activity based costing, product cost accounting, profitability analysis.
- **Treasury**  
Cash management, treasury management, market risk management, funds management
- **Enterprise Controlling**  
Executive information system, business planning and budgeting, profit centre accounting

### **Controlling (CO):**

The Controlling (CO) module is used for internal management purposes. Here, the company's manufacturing costs are assigned to products and to cost centers, facilitating cost analysis.

- Overhead cost controlling
- Cost centre accounting
- Overhead orders
- Activity based costing
- Product cost controlling
- Cost object controlling
- Profitability analysis



### **Asset Management (AM):**

The Asset Management (AM) module helps the company to manage fixed asset purchases (plant and machinery) and the related depreciation.

#### PROCESSING

#### ASSET DEPRECIATION

- Company Law
- Income Tax Law

#### ASSET TRANSACTION

### **Human Resource (HR):**

The Human Resource (HR) module facilitates employee recruiting, hiring, and training. This module also includes payroll and benefits.

- Personnel Management:  
HR master data, personnel administration, information systems, recruitment, travel management, benefits administration, salary administration
- Organizational management:  
Organizational structure, staffing schedules, job descriptions, planning scenarios, personnel cost handling
- Payroll accounting  
Gross/net accounting, history function, dialog capability, multi – currency capability, international solutions
- Time management  
Shift planning, work schedules, time recording, absence determination
- Personnel development  
Career and succession planning, profile comparisons, qualifications assessments, additional training determination, training and event management, performance appraisals



Key Features
Auto update <b>Application can auto update itself without individual user reinstall</b>
Scheduled Reporting Structure <b>Reports can be scheduled to auto generate and fired from the server without human intervention</b>
Digital Dashboard <b>Digital display of info as per user's choice</b>
<b>Alert Mechanism for user task and system generated task</b>
<b>Third Party interface for integration</b>
Authentication Authenticate each document at 2 levels
Roles & Rights <b>Create Hyperlink of your contracts, agreements, and other correspondences in word format in the solution, and access them through the solution with just a click</b>
<b>Clip the scan copies of your scanned contracts, agreements and other documents to the respective transaction entries</b>



## Development and Deployment Schedule

### Phase I: Start Up

At this point the project starts up with the formation of the steering committee which decides the Project Execution Guidelines (PEG), project resourcing, project roles and responsibilities, project plan and budget. The project team then decides the deployment strategy, user group mapping, project scope and objectives, project completion criteria, change management procedure, quality plan, communication plan and IT infrastructure plan.

### Phase II: Solution Mapping

The next step is to map the business requirements onto the solution by finalizing the structures and process and the doing the solution design. Any gaps found are reported in the gap analysis and solution map. Test cases are developed and the solution is configured for business validation. The existing data conversion requirement is planned and a quality audit is conducted.

### Phase III: Pilot Run

Now we are ready to pilot the solution. The first step is to establish user groups and roles across the organization then test any customization, interfaces and data conversion routines. Once this is through the user guide is updated and the key users are trained on the use of the solution. The key users test the solution and integration points and approve it. At this point a cut over and validation part are prepared. The IT infrastructure should be deployed and tested by this stage.

### Phase IV: Deployment

The solution is now ready for cut over and we go live. There is a step of validation of the data in the system. As a next step the roll out plan is now finalised for the solution to be deployed across other areas of the enterprise. A quality audit is done again and the project is closed and handed over to the support team.

### Roll out:

TRIO ERP recommends a single solution to be designed by the project team, which can be rolled out across the multiple business units of the customer organization. Once the 4 phases of implementation are completed, the customer team can then roll out the solution to the remaining business units.