Case Study

Accounting ERP System

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THE VISION

The client wanted us to enhance his ERP solution with new features as per customer's requirement and also wanted to reengineer current windows based ERP solution to WPF based ERP solution. This system include modules like General Ledger, Accounts Payable, Account Receivable, Inventory, Warehouse, Business, Manufacturing, POS, SMS and Fixed Assets.

The system is Microsoft Certified Software with integrated business intelligence. It is powerful enough to provide "Any Date" reports. It allows to attach documents to all master files with strong security and audit trails. The solution is flexible for International Tax Engine and supports multi-currency compatibilities.
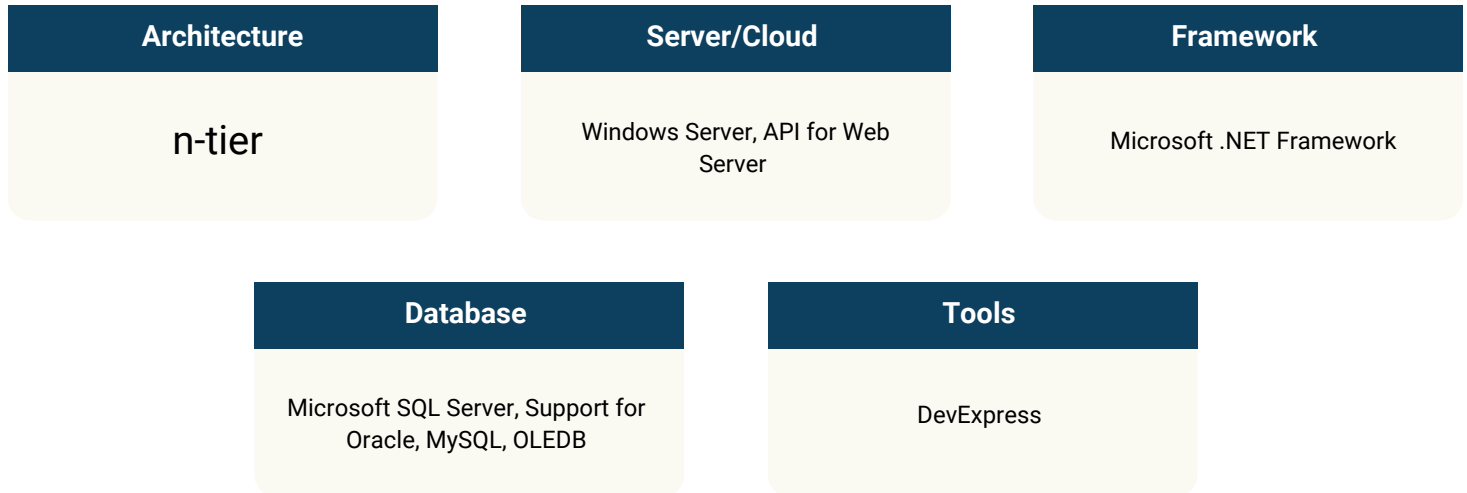
THE CHALLENGE

The client desired to enhance his ERP solution with new features as per customer's requirement and also wished to reengineer current windows-based ERP solution to WPF based ERP solution. This system include modules like General Ledger, Accounts Payable, Account Receivable, Inventory, Warehouse, Business, Manufacturing, POS, SMS, and Fixed Assets.

Goals of project is to enhance existing ERP system with new and enhanced features and technology.

- Enhance Fixed Asset module
- Dashboard enhancement with different section wise dashboard widgets.
- General Ledger Account with custom different segment wise setup.
- Add new Receipts to Sales Orders functionality. In that user can assign receipt to Sales Orders.
- Enhance Recurring Invoice functionality
- Add new Document version control, in that user can check difference between changes when
- some updates/modification are done in documents like Sales Order, Sales Invoice, Purchase
- Order, Purchase Invoice etc.
- Create new n-tier architecture to convert complete system to WPF technology.
- Optimize old code and write new code with new architecture.

TOOLS AND TECHNOLOGIES

With the following goals in mind, Zencon Group proposed a complete solution to address the challenges faced by the organization:

Architecture	Server/Cloud	Framework
n-tier	Windows Server, API for Web Server	Microsoft .NET Framework

Database	Tools
Microsoft SQL Server, Support for Oracle, MySQL, OLEDB	DevExpress

BUSINESS BENEFITS

Our Client drew immense benefits by deploying the ERP system for their valuable clients. It has emerged into one of the largest selling ERP system across Africa. The ERP system also helped our client to centralize and streamline all the processes across various departments of an organization.

THE CLIENT

The client is based in South Africa. They have been offering solutions throughout Africa tailored to their exact business requirement; from the single-user small business to the large multi-user and also multi-site enterprise. They constantly thrive to improve the efficiency and business profitability in Africa by providing high quality ERP solutions and accounting packages.

Conclusion

Zencon Group is a global IT consulting and digital solutions provider offering a wide range of services including Enterprise Software Development, Microsoft 365 and Power Platform Consulting, ServiceNow Solutions, Mobile and Web Application Development, QA & Testing, and Managed IT Services. With deep domain expertise and scalable delivery models, Zencon has helped businesses across industries achieve operational efficiency, innovation, and long-term growth.

Our customer-first approach, technical excellence, and commitment to quality have earned us the trust of enterprises, startups, and public sector clients worldwide.

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ZENCON GROUP, OFFERINGS

Zencon Group, provided a customized ERP solution that is extremely useful with the following modules:

Multi branch and multi warehouse support Support of consolidation process for fetching data from multiple branch databases and display in single report means user can see multiple companies' data in single report.

Manage complete inventory with item tracking, barcodes, stock adjustments, warehouse management, and expiry controls.

Handle end-to-end purchase operations including vendors, quotations, orders, invoices, returns, costing, and inventory updates.

Oversee customer sales, returns, invoicing, quotations, and POS activities while syncing data with inventory, banks, and accounts.