

Enterprise Resource Planning (ERP) System for Cement Manufacturing Companies

Shayona Cement Corporation streamlines business processes
& enhances overall operational efficiency with Enterprise
Resource Planning System

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Customer Profile

Headquartered in Lilongwe, Malawi, Shayona Cement Corporation Limited (SCCL) is one of the leading manufacturer & supplier of cement, concrete and plaster in Malawi. The company's trading activities encompasses; Sale (both direct and cash) of raw material and finished goods. The finished goods are cement of two brands: Akshar and BuildPlast.

Business Situation

Shayona Cement Corporation, as part of its long term expansion plan, wished to have a single application in place to manage operations of various departments more effectively and efficiently. SCCL was in need of a system that would help them to maintain & share information easily and ensure data integrity across the organization.

Currently, SCCL was using two different applications – one for managing inventory and other for managing finances. Managing these disparate applications became a tedious job for SCCL was also prone to errors. With the help of these applications, SCCL in both at its factory and headquarter was storing different sets of databases each fiscal year.

SCCL was facing a major challenge to perform overall analysis of operations for a particular fiscal year. IT had to invest lot of time and effort to consolidate all the details from factory offices databases and pass the same to database present at headquarter. This not only consumed lot of time but also resulted in many errors. Due to this, management could not have easy & accurate access to the required information for making better decisions that will help them to meet their future expansion plans, growth, customer expectations; increase productivity, reduce costs and save time.

Solution

SCCL made a decision to get a system in place which will be easy to use and boost their growth & expansion plans.

Before selecting Techno Brain, SCCL reviewed different solutions available in the market and realized Techno Brain's solution will help them in meeting their requirements.

Techno Brain understood the requirement of SCCL, their major objective and implemented Dynamics NAV based Enterprise Resource Planning (ERP) system at their headquarter and other factory offices. Major objectives of this project were to streamline all operations, automate manufacturing processes, improve decision making & citizen service and provide greater visibility into all aspects of operations from order entry to production, warehouse management & delivery & single & consistent view of entire information across every department. Modules implemented include finance, manufacturing, warehouse, stores management, packing & dispatch and invoicing.

Customer:

Shayona Cement Corporation Limited (SCCL) is one of the leading manufacturer & supplier of cement in Malawi.

Industry:

Private (Manufacturing)

Business Situation:

SCCL wanted a system that would help them in integrating all the departments across the organization and help them to meet their business objectives.

Solution:

Techno Brain implemented Dynamics NAV based Enterprise Resource Planning (ERP) System that helped SCCL to track and share real time information and make better business decisions.

Benefits:

- Real-time data access to management enabling to make better decisions
- Streamlined business processes; information integrated across various departments
- Flexible processes and integrated information enabling to respond quickly to last minute requests and changes from customers

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Technologies

MS Dynamics NAV, MS SQL Server and Remote Desktop

Benefits:

With Techno Brain's ERP system built on Dynamics NAV helped Shayona Cement Corporation to meet all their business objectives including future growth & expansion plans and takes better business decisions with the help of real-time information.

Key benefits of Enterprise Resource Planning System:

- ERP system has helped in boosting operational efficiency and effectively manage production including production orders, bills of material, supply & capacity requirements planning
- Flexible processes and integrated information enabling the staff to make accurate promises to customers; respond quickly to last minute requests & changes and explore new business opportunities
- Provides management with access to real time information enabling them to make better business decisions
- resulting in increased productivity, profits and improved customer satisfaction
- Integrates all departments across the organization enabling to track & share information with ease and provides centralized management of data to perform overall operations analysis in an efficient manner without any errors
- Improved business performance across all the departments and levels