

ERP Solution

Pave Block Manufacturing



Case Study: Transforming Operations for Shan Builders with Zoho Solutions

Company Overview

Shan Builders specializes in manufacturing construction materials, including fly ash bricks, concrete paver blocks, and rubber-molded zig-zag paver blocks. Renowned for delivering high-quality products, Shan Builders has built a reputation for durability and reliability within the construction industry. However, as demand grew, the company faced significant challenges in production management, inventory tracking, fleet coordination, and overall operational efficiency.

Business Challenges

Shan Builders encountered multiple operational hurdles that hindered their ability to meet increasing customer demand:

- **Production & Maintenance:** Managing a consistent production line while maintaining quality standards proved challenging, especially with frequent equipment maintenance requirements.
- **Inventory Management:** Manual tracking of stock levels, raw materials, and finished goods led to discrepancies and stockouts, adversely affecting order fulfilment.

- **Fleet Management:** Coordinating deliveries, tracking fuel consumption, monitoring mileage, and scheduling vehicle maintenance became cumbersome as the fleet grew.
- **Expense Tracking:** Inefficient manual monitoring of expenses resulted in missed entries and inaccuracies, complicating budgeting and financial planning.

To address these challenges, Shan Builders partnered with Zoho to implement a tailored solution using Zoho Creator and Zoho Books, aiming to streamline their processes and centralize operations.

Solution Implementation

1. Zoho Creator Customization

Zoho Creator was tailored to address Shan Builders' unique production, inventory, fleet, and expense management requirements. Key modules implemented included:

- **Production Management:** Automated forms and workflows enabled seamless production tracking, minimizing errors and ensuring consistent product quality.
- **Inventory Management:** Real-time inventory tracking and automated adjustments allowed efficient raw material monitoring and stock management, preventing stockouts.
- **Weighbridge Entry and GRN:** Custom forms captured weighbridge entries and generated Goods Receipt Notes, enabling precise tracking of raw material inflow.

- **Dispatch and Inventory Adjustment:** Enhanced tracking of product dispatches and real-time inventory updates improved customer satisfaction.
- **Fleet Management:**
 - **Fuel Entry:** Accurate tracking of fuel consumption provided insights into vehicle efficiency.
 - **Mileage Calculation and Trip Sheets:** Centralized data allowed vehicle performance monitoring, route optimization, and reduced operational costs.
 - **Vehicle Maintenance:** A maintenance schedule minimized breakdowns, extended vehicle life, and ensured consistent operations.
- **Expense Management:** Integrated expense tracking with Zoho Books streamlined budgeting and ensured accurate financial records.

2. Zoho Books Integration

Zoho Books was implemented to enhance financial operations, with seamless integration with Zoho Creator for efficient data management. Key implementations included:

- **Items and Database Management:** A structured database for customers, vendors, and products streamlined record-keeping and order management.
- **Purchase and Sales Entries:** Automated synchronization with Zoho Creator reduced manual effort and ensured accurate transaction records.

- **Custom Financial Reports:** Customized reports provided insights into profit margins, expenditure trends, and budget forecasts, supporting informed decision-making.

Outcomes and Benefits

Following the implementation of Zoho Creator and Zoho Books, Shan Builders experienced transformative improvements in their operations:

- **Increased Production Efficiency:** Automated production tracking eliminated delays and maintained consistent product quality, even during peak demand.
- **Real-Time Inventory Control:** Real-time inventory management prevented stockouts and improved order fulfillment accuracy.
- **Optimized Fleet Management:** Centralized mileage and fuel tracking enhanced fleet efficiency, reducing operational costs and ensuring timely deliveries.
- **Expense Transparency:** Integrated expense tracking enabled precise budgeting and better financial control.
- **Improved Decision-Making:** Custom reports provided actionable insights into business performance, facilitating data-driven strategies.

Conclusion

Zoho Creator and Zoho Books provided Shan Builders with an integrated, efficient solution that transformed their operational capabilities. This partnership enabled Shan Builders to overcome logistical and operational challenges, ensuring scalability, operational clarity, and enhanced customer satisfaction.