

Tranos

ERP SOFTWARE CASE STUDY

THE PROBLEM

Outdated manual operating and data collection processes inhibited the company's ability to track daily business transactions in a timely and accurate manner, creating inefficient shop floor processes and higher production costs.

THE SOLUTION

Implementing Global Shop Solutions ERP brought organization and order to the company's data tracking processes, providing quick access to real-time shop floor data and reducing production and quality costs.

ERP APPLICATIONS USED

- Dashboards
- Inventory
- Planning & Scheduling
- Purchasing
- Shop Floor Data Collection



Customer Snapshot



CUSTOMER LOCATION
Lagos, Nigeria



FOUNDED IN
2008



INDUSTRY
Engineering & Manufacturing



EMPLOYEE COUNT
200+



MODE
Mixed Mode



CUSTOMER SINCE
2018

Tranos is a mixed-mode provider of engineering, manufacturing, and technical solutions for the power and energy, oil and gas, residential and commercial, industrial and manufacturing, and telecommunications industries. Headquartered in Ikeja, Lagos, Nigeria, the firm produces a wide range of products, including power protection and distribution products, cable management and support systems, enclosures, warehouse storage systems, gaskets, and power generation and backup. Additional services include fabrication, installation, commissioning, and equipment maintenance.

There comes a time in every manufacturing enterprise when it becomes too slow and inefficient to continue managing production and other areas of the business using outdated manual processes. When Transos reached this turning point several years ago, it began researching ERP systems to bring organization and order to their data tracking processes. The company selected Global Shop Solutions ERP and went live with the software in 2020.

“We needed an ERP system that would enable us to ensure timely, accurate traceability of the company’s everyday business transactions,” says Joshua Zelibe, Asst. Manager, Methods & Quality for Transos. “This includes everything from customer orders, material purchases, manufacturing, and order fulfillment to every financial and inventory transaction associated with an order or multiple orders. Global Shop Solutions suited our business processes better than the other ERP solutions we considered.”



Global Shop Solutions helps us collect meaningful data so we can understand where we are as an organization.



A Transos employee inspects for quality

REAL-TIME DATA REDUCES PRODUCTION COSTS

One of Transos’ primary objectives with ERP was to gain a better understanding of what was [taking place on the shop floor](#) at any given time. Global Shop Solutions fulfills this need by tracking production metrics in real time and making the data easily accessible. Transos also wanted to maintain accurate historical data to provide the basis for continuous improvement company wide.

“Competitive global markets demand ongoing improvement,” says Zelibe. “Global Shop Solutions helps us collect meaningful data so we can understand where we are as an organization and provide a framework for setting objectives and driving improvements. As a result, our processes are better defined and automated.”



Having historical data readily available has significantly reduced the time required to retrieve data in every area of the business. Easy access to real-time data allows management to proactively make cost-saving decisions.

“Global Shop Solutions improved operational efficiency by helping us structure our operations correctly,” says Zelibe. “For example, production cannot begin without a detailed bill of material, giving us better material control. The system also prevents the production of parts undergoing engineering changes, thus reducing the cost of quality.”

DASHBOARDS DATA EMPOWERS QUICK ANALYSIS

Tranos makes extensive use of the many [Dashboards](#) that are part of Global Shop Solutions software. The Dashboards provide summary data of everything from open purchase and work orders to RFQs, inventory, AR aging, vendor management, quality and more – all on their own unique screens. Users can also drill down to access detailed current and historical data from each Dashboard screen.

“These Dashboards display a lot of information on one screen, helping us readily see what is going on,” says Zelibe. “Most of them are equipped with features that allow users to perform job functions without having to go back to the main screen, allowing them to get more work done in less time with fewer mouse clicks.”

QUOTE-TO-CASH ERP

Accurate tracing of materials, parts, processes, quality and safety procedures has become increasingly important to manufacturers. Global Shop Solutions simplifies traceability for Tranos with [Process Documentation & Training software](#) that makes it easy to record and document their processes for auditing, training and quality certification. The ability to search specific documents or records using different filters enables personnel to find what they're looking for in seconds. This is especially helpful for maintaining Tranos' quality (ISO 9001:2015) and safety (ISO 45001:2018) certifications.

Perhaps most important, using all the modules in their ERP has given Tranos better defined and automated processes. As a result, operations are more structured with significant controls at various points in the organization.

“Every department has a specific role to play, and uses the appropriate modules to perform their functions,” says Zelibe. “We now have a fully integrated “quote to cash” workflow process that covers everything from customer requests and purchase orders to shipment and invoicing. This enables us to compete more effectively in our markets by identifying gaps in our processes, developing strategies for continual improvement, and making more informed business decisions.”

