LTIMindtree

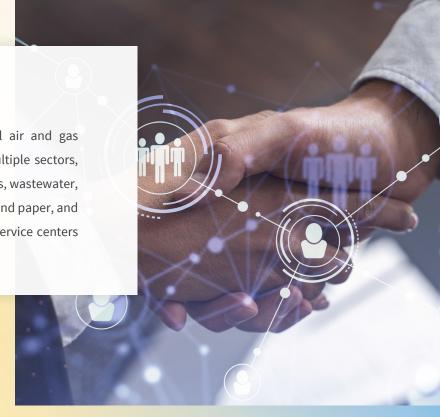# Empowering Global Operations: Streamlining Efficiency and Growth for an Air & Gas Handling Products Manufacturer

About the client

The client is a leading provider of mission-critical air and gas handling products globally. The company serves multiple sectors, including infrastructure, power generation, oil and gas, wastewater, metals, mining, general industrial applications, pulp and paper, and transportation. Its operations include factories and service centers located globally, and it has over 6,000 employees.

Business challenges

The client sites spread across various geographies had disparate systems that did not meet the operational control and monitoring requirements. The systems were isolated, and project management capabilities were unavailable. There was inconsistency in inventory accounting and costing, and business data was largely unstructured, requiring manual interventions.

No accurate financial forecasts	Complex withholding tax calculations
Limited control over the inventory	No project controls and no sub-contract process mapping
Gaps in order booking to invoice processes	Inventory costing not linked to the bill of materials (BOM)

	No real-time visibility of planning and manufacturing progress		Lack of dashboard and reports for analysis, simulation, and real-time reporting
	Inefficient identification of purchases and sales for the local region		Material requirement planning

The use of dated technology posed developmental challenges while integrating banking systems for payments.

LTIMindtree solution

01

LTIMindtree led the initiative to upgrade the AX 4 version to the global template of D365 F&O across finance, production, and supply chain management (SCM). The upgrade covered the general ledger, accounts payable, accounts receivables, cash and bank, fixed assets, budgeting, project accounting, inventory management, production control, procurement and sourcing, master planning, and MRP modules.

02

We optimized the ERP landscape, merging multiple point solutions in finance and operations (F&O) online and creating a holistic view of the enterprise's key business processes and data.

03

LTIMindtree implemented better cost control measures on all expenditures, especially material costs and inventory accounting.

04

We reengineered processes, especially in project accounting and SCM, and introduced the engineer-to-order process.

05

Integrating Power BI and PTX reports established better visibility and control. The solution provided role-based visibility of cost projections, margin improvement/erosion, inventory, production status, subcontracting process, etc. Additionally, it enabled the building of new reports and dashboards for business users to conduct further independent analysis.

06

We removed dated solutions such as SFTP. Building upon electronic reporting capability, LTIMindtree enabled generation of e-invoices and automatic bank payment processes.

Business benefits

Greater productivity: The company achieved a 25% increase in operational efficiency by automating mundane tasks.

Structured processes with integrated quality data: With data-based decisions, the teams focused on actions rather than collecting data. Real-time reports and dashboards based on user roles improved production metrics by 40%.

Future-ready architecture: For integration and localization flexibility, a global template-based solution has already been adopted in four regions and can be adopted in other regions.

Improved order management: This enabled faster execution of customer orders and the creation of quotes from the system. It also enabled on-demand project margin visibility and accurate order status reporting for all orders, leading to a 20% improvement in sales and order management.

Enabling secure and faster payment: Securing payments facilitated adapting to changing banking regulatory requirements and provided a quicker and safer way of payment.

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 82,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit **www.ltimindtree.com.**

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