A Fortune 50 pharmaceutical company, after making an acquisition, was facing the urgency and complexity of streamlining the varied manufacturing processes and systems. The client needed to replace the disparate and legacy applications with a unified, flexible manufacturing system, in order to accommodate their specific production processes and lower operations cost.

The client engaged Cognizant to lead the smart factory transformation program. The consistent business processes and procedures globally maximized specific outcomes. It enables collaboration of diverse stakeholders and systems across the business and global deployment of processes and solution accelerators to speed up implementation. It also automates process yield and compliance as well as reduces cycle time.

**COGNIZANT ONEPLANT™ IMPROVES PLANT OPERATIONS WITH TECHNOLOGY AND STRATEGY**

The client leveraged Cognizant’s expertise in manufacturing applications, beginning with the Rockwell FTPS solution, and then expanding to include plant logistics, Electronic Batch Records and manufacturing intelligence.

**AT A GLANCE**

The client needed to reduce the complexity of their enterprise systems to increase visibility of multiple plant floor systems and lower operations costs. The client chose to partner with Cognizant to unify its processes and systems while charting a roadmap to improve operational efficiencies across 70 global locations.

**Outcomes**

- 30 of the 70 sites are live with unified Manufacturing Execution System integrated to Enterprise Resource Planning (ERP)
- 20% increase in throughput
- 50% decrease in batch review efforts
- 10% decrease in inventory costs
- 15% decrease in rework
- Saved over 4,000 man hours
- Client realized ROI within six months of rollout

COGNIZANT OVERSIGHT PROVIDES GLOBAL LEADERSHIP AND A COORDINATED APPROACH

Cognizant team managed projects including an initial site readiness assessment, executing parallel implementations of the manufacturing systems, and go-live and support. Cognizant aligned the client’s goals with their ongoing ERP milestones and supported sites across the globe during transition and post implementation in this complex and multi-year engagement. The Cognizant OnePlant framework provided the templates, process documents and best deployment practices that allowed the team to roll out project deliverables as much as 30% faster than without the framework.

This framework ensures consistency across the various sites, where there was none before. The best practices included as a part of the solution will help the client reduce cycle time, increase yield, introduce paperless systems and enhance compliance and quality.

Cognizant established a structured training and change management process and utilized Cognizant OnePlant templates and assessment kits to promote adoption and lessen the burden of change. Solution envisioning sessions, followed by formal training and discussion sessions, promoted understanding for key plant personnel.

ACCELERATORS DRIVE RESULTS

As part of the Cognizant OnePlant framework, Cognizant also delivered application customization and multiple accelerator tools to reduce cycle time, including data migration, language translation, master recipe migration, material mass update and order diagnostics.

The Cognizant OnePlant solution accelerators alone have already saved over 4,000 man hours, which allows the client to recognize ROI in six months of rollout, on average.

Cognizant’s success at the initial plant sites enabled the client to retire several end-of-life systems. The efficient and evergreen standardized platform lowers the cost of ownership for the client, who can now invest those savings in further developing the smart factory strategy and other areas critical to business. Moreover, Cognizant has empowered the client to harmonize critical manufacturing processes, thus giving a major boost to the ongoing pursuit for operational, quality and compliance excellence.

LEARN MORE

To learn more about Cognizant and the Internet of Things, please visit www.cognizant.com/cognizant-digital-business/enterprise-iot-solutions

ABOUT COGNIZANT

Cognizant (Nasdaq-100: CTSH) is one of the world's leading professional services companies, transforming clients’ business, operating and technology models for the digital era. Our unique industry-based, consultative approach helps clients envision, build and run more innovative and efficient businesses. Headquartered in the U.S., Cognizant is ranked 195 on the Fortune 500 and is consistently listed among the most admired companies in the world. Learn how Cognizant helps clients lead with digital at www.cognizant.com or follow us @Cognizant.

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