

Case Study | Automotive

TRANSFORMATION THROUGH GLOBAL PARTNERSHIP

AN INNOVATIVE AND LEADING GLOBAL SUPPLIER FOR THE AUTOMOTIVE INDUSTRY WAS LOOKING FOR A RELIABLE PARTNER TO ASSIST WITH IMPROVING EFFICIENCY AND REDUCING OPERATING COSTS ACROSS THEIR ORGANIZATION. THEY CHOSE TATA TECHNOLOGIES AND THE PARTNERSHIP GREW FROM ONE PROJECT FOR A SINGLE LINE OF BUSINESS IN NORTH AMERICA TO NUMEROUS GLOBAL ENGAGEMENTS ACROSS BUSINESS SECTORS.

THE CHALLENGE

- Understanding the client had never offshored before.
- Increasing the company's overall efficiency, specifically operational and manufacturing productivity.
- Reducing operating and production costs.
- Integrating an effective product lifecycle management (PLM) solution to reduce the amount of duplicate data.
- Getting their engineers trained quickly with measurable results.
- Reducing project quoting cycles and simplifying design processes to avoid missed business opportunities.

THE COMPANY

A leading global supplier of automotive systems and components with their headquarters in the United States. The organization employs more than 30,000 people globally and operates in 20 countries around the world.



THE SOLUTION

- Introduced offshoring through the use of global engineering centers (GEC) for the development of 2D and 3D drawings.
- Implemented management dashboards to review plant performance and improve efficiency which helped in developing best business practice culture throughout the organization.
- Delivered a customized manufacturing execution system (MES) which has helped with catering to business needs and reducing costs. Currently supporting a global rollout of this solution.
- Consulted on the PLM issues and prepared a plan to address the inefficiencies and integration problems.
- Enabled online training for engineers through i GET IT, our proprietary learning management system (LMS), with features that allow managers to track progress and check for understanding.
- Provided an automated knowledge based engineering (KBE) solution to gain process efficiency. This solution reduced the length of project quoting cycles.

THE RESULT



Reduced project quote cycle from seven days to one day



Significant contribution to the increase of net income



Strong partnership across territories and lines of business



Recognized with an award for our partnership

ABOUT US

Tata Technologies is a global engineering and product development IT services company that is focused on fulfilling its mission of helping the world drive, fly, build and farm by enabling manufacturing companies across the automotive, aerospace and industrial heavy machinery verticals realize better products and drive efficiencies in their businesses. There are two components to our value proposition – managing and delivering outsourced engineering services and products for our manufacturing clients, and helping them identify and deploy technologies that are used to conceptualize, design, validate, build, test, benchmark and realize better products. For more information, visit www.tatatechnologies.com.