

Case Study | Product Lifecycle Management

ENABLING PRODUCT LIFECYCLE MANAGEMENT (PLM) TRANSFORMATION

THE CLIENT WAS RECENTLY SEPARATED FROM ANOTHER AUTOMOTIVE MANUFACTURING COMPANY AND HAD PLANS TO EXPAND INTO NEW MARKETS. THEY REQUIRED A PARTNER TO HELP IMPLEMENT A NEW PLM STRATEGY.

THE CHALLENGE

- Working within a PLM landscape with more than 650 applications, no access to source code and limited process and system documentation.
- Improving the processes, as they were complex and not fit-for-purpose, with many business inefficiencies and “hidden factories” (duplication of work and data).
- Changing the PLM strategy as the current legacy solution was not scalable and was quite expensive to maintain.

THE COMPANY

An internationally reputed automotive original equipment manufacturer (OEM) offering world class premium products in the global market. The company’s headquarters are located in the UK and they employ more than 30,000 people across the world.



THE SOLUTION

- i-PLM: A multi-wave, business-led, IT-enabled transformation program 80 percent sourced by Tata Technologies.
- Complex implementation and deployment planning.
- End-to-end product realization expertise, process mapping and solution architecting.
- Robust execution model and dedicated project management office (PMO).
- Onsite and offshore delivery services, including build factory, PLM-ERP (enterprise resource planning) integration, data factory and user method development [Hawk Ridge Systems XBOM, mechanical computer-aided design (MCAD)/electronic computer-aided design (ECAD), manufacturing, computer-aided engineering (CAE), requirement and change management, etc.].

THE RESULT



Expected 24 percent internal rate of return distributed business benefits



Eliminated hidden factories and waste



Robust and scalable PLM gearing for growth



Integrated and standardized tools and processes

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.