



Case Study | Industrial Heavy Machinery

COST OPTIMIZATION FOR NEW GENERATION PRODUCT - LOCOMOTIVE SYSTEMS

TATA TECHNOLOGIES HAS BEEN ASKED TO ANALYZE THE COSTS ON A NEW GENERATION OF PRODUCTS FOR A LEADING EUROPEAN MANUFACTURER OF RAIL SYSTEMS.

THE CHALLENGE

- Facing challenges in controlling the cost of a new generation product for the global market.
- The new product cost was spilling over by ~30% of target cost.
- Customer's Internal VAVE drive could not yield desired results.
- Localized supply chain approach & legacy manufacturing systems

THE COMPANY

The company, headquartered in Europe, is world's leading manufacturer of braking systems and supplier of additional sub-systems for rail and commercial vehicles.



THE SOLUTION

- Tata Technologies unique integrated VAVE approach was used to explore possibilities on Engineering & Commercial areas.
- Leveraging cross industry expertise in Design, Manufacturing & Materials for cost optimization.
- Leveraged Global supply chain solutions.

THE RESULT

~35%

Approximately 20% cost saving/product



Through VAVE, should costing, alternate manufacturing



Leveraged Global should cost database



“Additional Benefits with Best Cost Country Supply Chain Solutions”

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.