

CELEBRATING
25
YEARS OF IES

**Tech
Mahindra**

INTEGRATED SUPPLY CHAIN ENGINEERING PLATFORM

Design Resilient Supply Chain with Tech Mahindra

Build Global footprint with Tech Mahindra digital platform and our strategic sourcing expertise is to minimize risk for any disruptions by diversifying supplier base.

Connected World.
Connected Experiences.



iSCAN from Tech Mahindra is a web-based-tool powered by digital technologies, helping customers to provide competitive advantage by generating actionable insights from their supply chain data and influence business outcomes.

CURRENT SCENARIO

With the outbreak of the COVID pandemic across geographies, the global supply chain has been hit with a dynamic and a vulnerable situation. A global footprint of the supply base is becoming a necessity and the companies need to adopt to a multiple sourcing strategy, which allows them to handle complex supplier network and also to build a new supplier base with a shorter lead time.

Due to coronavirus-related transportation restrictions, about 75% of organizations have reported supply chain disruptions in one form or the other; and the figure is expected to rise further over the next few weeks.*

iSCAN tool from Tech Mahindra brings a platform which will help organizations to adopt sourcing strategies from multiple suppliers and handle complex supplier network with ease.

This platform also allows companies with structured evaluation methodology to build a new supplier base and accelerate the on-boarding process. It brings complete visibility of supplier evaluation, process planning, production and logistics; thereby enabling better supplier-risk-management by analyzing the past performance and help establish better product cost structures.

iSCAN will help companies handle and address the rapidly evolving future supply chain needs with more agility

KEY CHALLENGES - POST COVID



Diversify supply base with alternative sourcing strategies



Manage complex supplier network and on-board new vendors from best cost countries



Flexibility and transparency for agile planning

End Customers

Automotive

Aerospace & Defence

Transportation

Industrial

Healthcare

HOW IS TECH MAHINDRA COMING INTO PLAY?

- **Global Footprint – Post COVID** : 5500+ vendor connects globally and have developed more than 250 Should-Asset across 25 countries.
- **Strong Skill Mix** : 100+ sourcing team from multiple domain along with 30+ SME's across Industrial, E&U, Aero, Auto and Transportation verticals
- **One Stop Solution** : From Strategic Sourcing, Should costing, Supplier Development, Supplier quality management, PPAP/FAI , Logistics and Distribution
- **Our Experience** : 15+ years of experience; having executed more than 200+ projects with strong design to build manufacturing.
- **Very strong exposure** in strategic sourcing & procurement, manufacturing, development of prototype, tools, dies, jigs & fixtures, and in logistics.

OUR OFFERINGS

iSCAN brings an integrated and responsive digital platform for supply chain, to manage agile supplier network with end-to-end visibility; from supplier evaluation, process planning, production, inventory and logistics.

Application Areas



New
Supplier
Development



Supplier
Assessment
and Qualification



Logistic Planning -
Inbound and Out
Bound



Product /Process
Planning



Transfer
of Work



Spend analysis &
Category
management

TECH MAHINDRA ADVANTAGE:



Helps in Designing and Managing Supply Chain



Complete visibility of Vendor management



Operational efficiency through Automation and Analytics

Business KPI's:

- 5x Optimization of supplier on-boarding process
- 80% of savings through improving supplier collaboration and better decision making
- 360° visibility of supplier performance with qualitative and quantitative scorecards
- Real time data insights to track and monitor supplier performance and to reduce costs, while minimizing risks

Solution Features:

- **DIGITAL FRAMEWORK** : Unified digital platform for supplier management and workflow management
- **CLOUD COMPUTING** : Cloud based application and the flexibility to access from any location
- **CROSS DOMAIN** : Built to comply with any customer across any segment; and helps manage their suppliers and overall logistics
- **NEXT GEN READY** : It can be integrated with Next-Gen solutions like Block Chain, Track & Trace, Procure-To-Pay, Vehicle Management etc.

USE CASE

Aerospace & Defence



Strategic Sourcing



- 15,000+ products developed across 5 continents – North & South America, Europe, Asia Pacific, Africa,
- Deployed 20+ bilingual resources at 11 different countries.
- Product segments – Fabrication, Machining, HT, Surface Coatings with Materials like Al., Tn., Carbon Steel & Stainless Steel
- End-to-End ownership of Strategic Sourcing for 5 Years from Assessment, Audit, FAI, PFEP, Risk assessment for stream lining the entire SCM from NPD to Production Ramp-up

Transportation



Locomotive Casting Sourcing



- Developed alternate suppliers for European Locomotive manufacturer from China to India
- Up to 25% cost reduction by industrializing at local India supplier
- De-Risking by alternative sourcing in India from China
- Reduced average Logistics time by approx. 30 days

Industrial



End to End Product Development



- Developed chip bag formers of various sizes for Indian, US & UK based production lines through detail understanding of as-is formers, re-designing, should costing & global sourcing.
- Achieved 27% cost reduction through establishing FAI, machine Inspection at vendor location, standardize production, Identifying all Teething problem and regularizing production at plant & Conducting trials at plant
- Developed Hybrid design to reduce weight by 50% & Cost by 45%

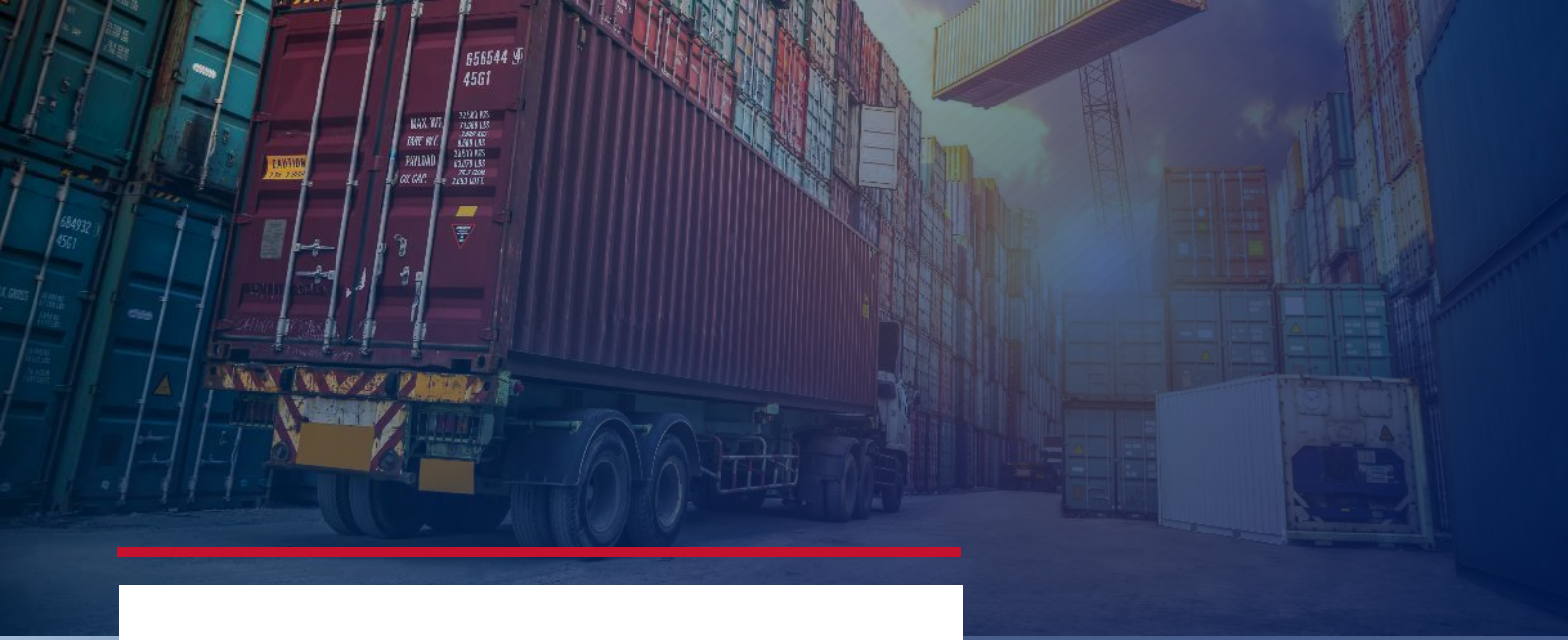
Automotive



Should costing and Sourcing support



- Achieved overall 5mn saving through should-costing and low-cost sourcing for EPS Connector, SDM Bracket, Inverter Benchmarking & Media Hub
- Supported in getting actual cost through should costing & sourcing support



INTEGRATED ENGINEERING SOLUTIONS (IES)

Is a Connected Engineering Solutions business unit of Tech Mahindra. At Integrated Engineering Solutions, customers are at the core of every innovation. We align Technology, Businesses and Customers through innovative frameworks. We deliver future-ready digital convergence solutions across Aerospace and Defense, Automotive, Industrial Equipment, Transportation, Consumer Products, Energy and Utilities, Healthcare and Hi-Tech products. Our 'Connected' solutions are designed to be platform agnostic, scalable, flexible, modular and leverage emerging technologies like Networking, Mobility, Analytics, Cloud, Security, Social and Sensors, that enable launching of smart products and deliver unique connected consumer experiences, weaving a connected world. Coupled with this, our strong capabilities in Electronics, Mechatronics and Mechanical Engineering along with domain understanding and product knowledge, bring excellence to the entire lifecycle of these connected ecosystems.



CONTACT US AT

connect@techmahindra.com
www.techmahindra.com

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