

ASSET MONITORING & OPTIMIZATION

Optimized Solutions helps an automotive OEM improve utility, efficiency, and lifetime value of assets

CASE STUDY

Production Planning / Automotive / Digital Transformation

Global supplier of automotive parts was looking to remotely monitor and optimize assets. Optimized Solutions implemented solutions to provide connected asset efficiencies.

TYPE OF PROJECT

Digital Transformation (Connected Assets)

MARKET

MANUFACTURING / Automotive

LINE OF BUSINESS

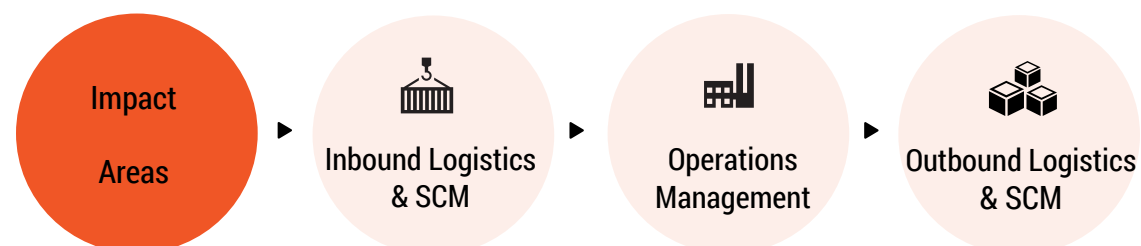
Production (Operations & Logistics)

OVERVIEW

Optimized Solutions enabled Machine-to-machine (M2M) connectivity, Vehicle-to-Vehicle (V2V) and Vehicle-to-Infrastructure (V2I) connectivity to provide connected asset efficiencies.

PROBLEM STATEMENT

The client, one of the world's largest supplier of automotive components was unable to remotely monitor and optimize assets, thereby incurring operational inefficiencies, including reduced safety & security, and decreased life time of assets.



SOLUTION

Optimized Solutions flagship digital transformation tool, Accelerated Architecture for Manufacturing Intelligence (AMI), enabled the solution to provide connected asset efficiencies.

Specifically, we helped:

CONNECTED ASSETS

- 1 Strengthened Human Machine Interfaces (HMI) to support Customer Relationship Management (CRM) & Vendor Relationship Management (VMR) mandates
- 2 Integrate multiple data sources/ data streams
- 3 Supported the following:
 - Monitored telematics which support improved route integration, enhanced safety & security, increased life time value
 - Enabled location intelligence driven by vehicular networks
 - Extended connected car to connected home
 - Created app extensions to support various end points like
- 4 Enabled real time connectivity to IoT

We built the AMI architecture ground up by closely observing the currently available DX solutions and honed it to provide the best-of-the-breed solution for seamless, clear and precise intelligence that makes for strategic decision making and that is suprisingly cost and time effective.

~Sam Reddy, CEO Optimized Solutions

BENEFITS

01 Ability to monitor on-premise and off-premise assets

02 Increased utility of assets

03 Improved asset efficiency & asset utilization

ABOUT OPTIMIZED

Optimized Solutions is a modern information engineering enterprise that provides trusted and reliable IT solutions to Fortune 500 companies and Digital Intermediaries. With more than a decade of proven experience in SAP Suite, Cybersecurity, Augmented Intelligence & Machine Learning, Cloud Migration, and Data Management & Analytics, Optimized Solutions empowers companies to drive disruption, seize opportunities, and embrace innovation through successful digitalization initiatives.

Optimized Solutions is based in Chicago, USA, with offices in Boston and India.