

# CONNECTED ASSETS

OPTIMIZED HELPS AUTOMOTIVE OEM IMPROVE UTILITY, EFFICIENCY, AND LIFETIME VALUE OF ASSETS

## Global Supplier of Automotive Parts Looking to Remotely Monitor and Optimize Assets

MANUFACTURING / AUTOMOTIVE

### 1 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

Accelerated Architecture for Manufacturing Intelligence (AMI), Optimized Solutions' flagship digital transformation technological framework, enabled Machine-to-machine (M2M) connectivity, Vehicle-to-Vehicle (V2V) and Vehicle-to-Infrastructure (V2I) connectivity to provide connected asset efficiencies.

Specifically, we:

### 2 SOLUTION

- 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 consumer, dealer, OEM, vehicle, and home
- 4 Enabled real time connectivity to IoT

### 3 BENEFITS

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

2 Increased utility of assets

3 Improved asset efficiency & asset utilization

## PROJECT SUMMARY

NAME  
Connected Assets

MARKET  
MANUFACTURING / AUTOMOTIVE

LOCATION  
Midwest, U.S.A

VALUE CHAIN SOLUTION  
Efficiency & Agility (Operations, Logistics & Transportation)

*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.*

~ Rakesh Naidu, Executive VP, Optimized Solutions



## ABOUT OPTIMIZED

Optimized Solutions International is a global professional services organization providing business enterprise solutions to clients for over 20 years. A pioneer in applying innovative, technology-based solutions to common business problems, Optimized Solutions is headquartered in Chicago, Illinois with offices in Boston & India.

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