

# Smart Tyre Sensors for a global Tyre Valve Manufacturer



## BUSINESS OBJECTIVE

- // Transmits tyre air pressure, tyre air temperature battery state and sensor location to the vehicle's computer

## SOLUTION HIGHLIGHTS

- // L&T Technology Services developed a chip solution which consists of all the sensors (pressure, temperature and motion sensors), MCU data manipulation unit and RF Transmitter.
- // Sensor within a transmitter device directly measures the pressure & temperature and sends that information wirelessly

## BUSINESS VALUE DELIVERED

- // Improved safety of the vehicle
- // Improved tire life
- // Improved fuel economy



Engagement

Explore, Design,  
Development and Integration

SMART  
PRODUCTS



Technology

IoT

SMART  
MANUFACTURING



Ownership

100%

SMART  
SERVICES



Outcome

Better Sales Margin for the  
client

SMART  
OPERATIONS