

# Remote Asset Performance Management (RAPM)



# Remote Asset Performance & Management Solution (RAPM)

## Improved asset efficiency and utilization



### Challenges

Increased pressure on legacy infrastructure or assets to maintain its reliability and performance across multiple locations

With assets spread across a country, it is difficult to monitor performance and have control over the performance data which helps in planning the maintenance



### Ideal Solution

A solution which can integrate the assets at remote location through Sensorization to visualize all the critical data

Performance data helps to predict the breakdown of a machine. This data helps to visualize asset performance, helps in benchmarking the performance and provide analytics and metrics.



### Desired Outcomes

Consultancy services from selecting the sensors, system integration to pushing the data to cloud for analytics and visualization.

Helps in reduction of OPEX expenditure from 10%-15%

Enhances asset utility by 12%



# LTTS Remote Asset performance management

Do you want to reduce your OPEX while operating a large fleet of assets?

## Connectivity with assets

- Gives users immediate visual reference
- Provides current operating state & health of assets
- Data management, analysis & configurable dashboards

## Reliability Management

- Enables users to orchestrate various analytics data
- Configures workflows
- Event Management – manage alerts, alarm & resource management

## Maintenance optimization

- Recommends modifications to preventative maintenance strategies for optimal utilization
- Performance benchmarking
- Recommendations on maintenance strategies based on operational priorities of cost and performance

**Asset Health tracking and Maintenance, Maintenance optimization, Performance Benchmarking, Condition Monitoring & strategizing asset maintenance**

# Remote Asset Performance Management



**RAPM solution orchestrated with Microsoft infrastructure provides end-to-end solution to customer such as system integration, data ingestion and securely hosting the solution over Microsoft PaaS and building custom applications and analytics.**

## Solution Alignment

### System Integration

Sensors Identification, sensors retrofitting, sensor commissioning and ingestion of data from device to Azure Platform



### Data Security, Scalability and Stability

With over thousands of end assets, leverage Microsoft IoT PaaS infrastructure to make your system scalable, stable and secured – right from the point data is ingested in the system.



### Custom Application & Analytics

Using Microsoft IoT components like IoT Hub, Blob storage, HDInsight, Stream Analytics and enhanced powerful UI using BI dashboards

