

# Tech Mahindra Collaborates with a Large Automotive OEM for their Integrated Maintenance Management Program

The client is a large Automotive OEM operating in 6 continents and running 90+ Manufacturing plants.

With a delay of 24 hours to get latest inventory information, the plants were sitting on high levels of inventory; further resulting in erratic ordering. Inventory carrying cost spiralled whenever there was a spike in output.

Tech Mahindra worked with the client and successfully delivered an Integrated Maintenance Management system to provide high inventory visibility.

## Business Situation

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- High volume of operations (450 – 600 crib stores requisitions per day / plant)
- 12 Million Inventory items used only for asset maintenance operations
- Daily order and procure transactions

## Opportunities

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- MTTR was below industry standards
- Inventory updates available only once in 24 hours
- Production down time due to dependency on inventory updates/reports
- Business requirement to build systems to increase the scale of transactions

## Benefits

- Inventory Visibility time reduced from 24 hours to 5 seconds
- 56% Lesser inventory transactions to achieve same level of MTTR

## Highlights

- 100% Reusability introduced
- Consolidated back order report implemented

## Our Solution

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- Integrated Maintenance Management system for Industrial Materials transactions implemented for the client
- IBM Maximo development through Agile
- Integration using MQ with master inventory systems
- 25+ years of data to be migrated, Data Migration using 9 Accelerators
- Data Verification using Poka Yoke
- Learning Management for every point of knowledge requirement
- Global Rollouts for 62 plants