



IoT Transformation Partner of the 21<sup>st</sup> Century Enterprise

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## RMI – Case Study

2019

## Case Study – Manufacturing Client

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### ■ Problem Statement:

- ▶ The client's manufacturing facility was producing the units in high. Hence the low uptime had direct impact on revenues.
- ▶ The existing systems in the manufacturing set-up didn't provide the real-time visibility of the operations
- ▶ Untimely inputs around the Overall Equipment Effectiveness (OEE), Availability of the production-critical machinery was a major hindrance in day-to-day operations
- ▶ Lack of visibility around the inventory of produced goods was also a concern for the client
- ▶ Unplanned maintenance was leading to the increased maintenance costs

## Case Study – Manufacturing Client

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- HCL implemented RMI (Real-time Manufacturing Insights) solution at the manufacturing facility of the client
- As a part of this implementation, RMI offered role-based authorization by creating roles for Plant Manager, Assembly Line Manager to get the real-time information of important KPIs such as OEE, Availability, Shift Production Rate, etc.
- Using RMI's predictive and prescriptive analytics capabilities, it became easier to predict the failure of business-critical equipment beforehand and take necessary steps in order to avoid the failure.
  - This helped client achieve savings, as the prediction feature made it easier to avoid the unplanned downtime

### ■ Transformation achieved:

- From OEE ~65% to 72%
- Maintenance & Service costs from ~ 10% of revenues to 6%
- Asset Availability from 71% to 78%
- Performance from 92% to 93%