



Industry 4.0 based digital transformation - a step towards becoming lighthouse factory

A leading global CPG manufacturing company based out of US

Client wanted to realize their vision to become a lighthouse factory with Digital Manufacturing use cases that enabled them to have real time visibility of operations, perform predictive maintenance and right data governance policies

Improvement in OEE by 10-15%

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CHALLENGE

- Non availability of real time visibility of plant operations leading to lower production efficiency
- Lack of data driven actionable insights for production, planning & scheduling, and maintenance functions
- Unscheduled downtime and delay in response with reactive interventions to address asset downtime issues
- Low/no machine connectivity coupled with complexities of legacy machines

SOLUTION

- Built an Industry 4.0 based solution to provide insights for data driven decisions for factory personas
- Transformation of plant operations to drive business outcome with implementation of Digital Performance Management (DPM), real time asset tracking & yield optimization solutions
- Automated capturing of 400+ fault codes from 25+ machines helped maintenance technician to analyze & resolve production line breakdowns
- Integration with ERP for synchronization of demand with production planning and schedule

RESULTS

- Improvement in OEE by 10-15%
- Workforce productivity increase by 5-10%
- Factory productivity increase by 2-5 %