



Case Study

Improved OEE (Overall Equipment Efficiency) for A Multinational American Pharmaceutical & Consumer Packaged Goods Manufacturing Company

Companies in the consumer goods sector are shaping their growth more than ever before through constant innovation and the implementation of new technologies to serve their customers better. Digitization has been the most disruptive trend for traditional FMCG/CPG players. Cutting-edge technologies like IoT, AI/ML, Cloud are transforming FMCG research departments, factories, warehouses, and stores while enhancing customer experience and engagement. FMCG/CPG companies have always been keen on adapting centralized solutions to increase their manufacturing efficiency and productivity in the evolving manufacturing world. Centralized dashboards that provide data driven insights into the various aspects of the shop floor have proved to be a game-changer. User friendly real time dashboards help demystify the potential bottlenecks and Optimizing Manufacturing processes.

Client

An American multinational medical device, pharmaceutical, and consumer packaged goods manufacturing company

What Did We Solve For



Non availability of a central platform to view real-time application KPIs, system KPIs, and business KPIs.



Unplanned downtime and delay in identifying the point of failure.



Non proactive monitoring at production units leading to 40+ hours/ year of downtime.



Multiple disparate solutions with no standardized approach.



Production stoppage due to recurring failure in equipment and lines.



Lower production efficiencies and yield.

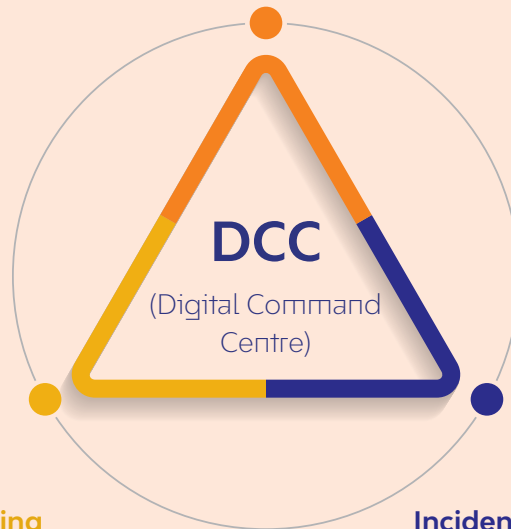
LTI Solution

LTI implemented its Digital Command Centre (DCC) solution for a centralized dashboard providing real-time insights on business KPIs like OEE, cycle time, scrap, etc. DCC is a “Fit for purpose” persona-driven solution that helps the stakeholders take effective decisions. DCC leverages the power of advanced analytics at the edge & on the cloud for predictive maintainence and quality.

Business KPI monitoring



- Monitor production line business KPIs, i.e., asset uptime, scrap, OEE
- Alerts generation below threshold KPIs
- Provide actionable insights to aid in root cause analysis



Asset and application monitoring

- Real-time dashboard for tracking critical parameters of assets and applications
- Alert generation (in the form of Email, SMS) before incidents occur, and ticket creation

Incident monitoring

- Monitor ticket resolution duration
- Alert generation for a possible SLA violation
- Ticket genealogy and predict ticket resolutions using historical data

Business Benefits

Improved

OEE and machine uptime

25-30%

Ticket reduction leading to lesser cost of support services

20%-25%

MTTR (Mean Time To Repair) reduction

10%-15%

MTBF (Mean Time Between Failure) improvement leading to higher equipment efficiency and availability

LTI (NSE: LTI) is a global technology consulting and digital solutions Company helping more than 485 clients succeed in a converging world. With operations in 33 countries, we go the extra mile for our clients and accelerate their digital transformation journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivalled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 45,000 LTIites enable our clients to improve the effectiveness of their business and technology operations and deliver value to their customers, employees and shareholders. Find more at <http://www.Lntinfotech.com> or follow us at @LTI_Global.

