



Case Study

# Packaging powerhouse **attains 89% OEE** with Smart Factory Suite

## BUSINESS GOALS

A packaging leader's executive team conducted a manual analysis in search of ways to improve operations and attain higher output without sacrificing quality or sustainability. Through this analysis, the company recognized that efficiency improvements remained stagnant while employees were unaware of reporting procedures. Since expectations were not aligned with current operational standards, reaching their goals became a challenge.

The company needed a solution for its manufacturing procedures that could be easily adopted with limited disruptions. The solution also had to be accessible to every team member. Shoplogix provided the company with the technology required to have reliable data tracking and continuous improvement.

## BUSINESS CHALLENGES

The company was determined to overcome the first set of challenges in their digital transformation journey. The primary focus was to do the following:



### **Empower Employees**

Progressing an enterprise can only happen through persistent and engaged employees. With a large number of dedicated team members, the company required a way to connect its staff to the pulse of their operations and ensure a smooth digital transformation.



### **Obtain Accurate and Reliable Data**

The company uncovered that they lacked the appropriate data reports to understand what happens during operational hours. Due to manual data collection, it was difficult to retrieve the information needed to plan for the future and set relevant key performance indicators (KPIs).



### **Increase Production Baseline**

As a company-wide effort, the expectation to increase production baseline kept the company ahead of the competition. However, the company saw minimal advancements and they were unable to consistently meet their targets. The company understood that there was an issue, but had difficulty in pinpointing why they were not seeing any progress towards their goal.



## SOLUTION

Shoplogix's cloud-based system championed universal connectivity, digitization and visualization, as well as analytics. This drove seamless adoption amongst the company's team members while achieving operational excellence and improved agility.

Employees received real-time performance data, granting them instant visibility into daily operations alongside the opportunity to build a historical database for future analysis, plant developments and expenditures. Through Shoplogix's automation capabilities, the company was also able to promote a paperless plant floor while receiving daily machine reports that quantified hourly downtime, cycle time and goal targets for each line. The new system leveraged the power of continuous improvement and drove actionable changes.

The company was able to refine the key data required to achieve **improved OEE and output, reduce downtime, engage employees and gain accurate visibility into shop floor activities.**



### Employee Engagement

Operational data was distributed throughout different departments to engage employees and allow them to communicate effectively about production goals.



### Standardized Shop Floor Operations

New standards offered a clean simple way of conducting procedures, completing tasks, and conducting reports. Manual reporting and exchange of information could be done virtually with limited wasted efforts.



### Real-Time Visual Data

Real-time visual data was installed throughout the plant floor to help employees meet daily targets while championing accountability.

## RESULTS

Through the adoption of best practices such as standardization, automation, real-time data collection and simplified visual results, employees were able to view and enter daily reports without sacrificing productivity. As a result, the company exceeded its production targets and saw an increase in manufacturing efficiency. Overall OEE increased to 89%, output went up by 50% and the baseline grew to 680 drums/hour.

## FACTORY OF THE FUTURE

The company continues to utilize the Shoplogix Platform to progress in the manufacturing industry. The company has implemented the solution in its other plants. The transition from manual to digital input has provided the company with the ability to give more to their customers, establish an empowered team and standardize KPIs for current and future plant developments.



**OEE increased to 89%**

Up from 65%



**Line output  
increased by 50%**

Overall increase from 2 lines



**Improved baseline to  
680 drums / hour**

Up from 500 drums / hour

## ABOUT SHOPLOGIX

Shoplogix is redefining the manufacturing industry by making the Shoplogix Platform the cornerstone of digital production and performance transformation. By empowering manufacturers to visualize, integrate and act on production performance in real time, Shoplogix uncovers hidden shop floor potential and drives rapid time to value.

**Let Shoplogix help achieve your  
company's vision. Contact us today.**

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