



Case Study

How Shoplogix **reduced speed loss by 10%** and achieved annual dollar savings of **\$425,079**

Business Goals

A food manufacturer wanted to reduce speed loss and improve operational efficiencies while increasing its performance and annual dollar savings.

Business Challenges

The company's bagging machines had a speed loss of 20% alongside 13% downtime and 18% process starvation. This meant different bag sizes experienced unoptimized speed performance.



Lack of Centerline Visual

Employees lacked a centerline that was easy to read and understand, resulting in variability and inefficient manufacturing processes.



Lack of Useful Performance Data

Information on performance by part metrics lacked data on specific efficiencies, leading to the lack of insights on throughput, areas of improvement, hours and costs.



Lack of Improvement Opportunities

The company did not have a solution in place that could identify and improve the speed of specific food packaging processes, which resulted in significant speed loss.

Solution

Shoplogix's solutions provided the company with improved visuals, reliable analytics and actionable insights. This assisted the company in its day-to-day operations, reducing speed loss while improving the operational efficiencies of both employees and the machines across the plant floor.



Improved Visuals

Shoplogix provided the food manufacturer with a dashboard setup that included digital data and insights about shifts, performance, bag sizes, baggers, targets and speed.



Reliable Analytics

Shoplogix identified complex patterns to provide better insights and predictions, helping employees discover correlations and find key performance indicators (KPIs).



Actionable Insights

Shoplogix identified that the 3 oz bags were causing the majority of speed loss, allowing the company to target and reduce its speed loss by 10%.

Results

With the help of Shoplogix, the company achieved its goals of reducing speed loss, improving operational efficiencies, improving performance and increasing annual dollar savings. The company reached the target efficiency of 90% and had room for continuous improvement in order to reach 100% efficiency. There was also room to improve speed loss by another 10%.



Improved Efficiencies

By clearly identifying opportunities for improved efficiencies, the food manufacturer achieved annual dollar savings of \$425,079.



Reduced Downtimes

The reduction in machine downtimes reduced the number of annual hours to 3,183 and resulted in an average of 40,091 lbs per week.



Minimized Speed Loss

Decreasing speed loss by 10% helped achieve an annual increase of 2,004,547 lbs alongside further continuous improvement opportunities.

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

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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.