



Case Study

Shoplogix reduced break creep by 52% and achieved a 10% increase in throughput

BUSINESS GOALS

A global supplier within the automotive industry wanted to uncover inefficiencies in its manufacturing process and increase production to 300 parts per shift. The company also wanted to drive productivity gains and eliminate overtime shifts and costs.

BUSINESS CHALLENGES

The company did not have real-time visibility, which led to the inability to achieve 300 parts per shift. The manufacturing process was inefficient because operators lacked awareness towards real-time losses. The production line required data to gain insights about shift handoffs, break and machine losses, as well as operator engagement.



Lack of Real-Time Visibility

The lack of real-time visibility led to inefficiencies within the manufacturing process.



Lack of Loss Analytics

Without loss analytics, the company was unable to quantify losses such as speed loss.



Lack of Digital Displays

Operators were unable to view performance-related data and address downtime events.



SOLUTION

With Shoplogix, the company's team automated data collection from the fuel cell. Shoplogix's unique loss analytics also quantified losses such as break creep, late starts, early departures, speed loss and micro-stops. The digital screens also displayed data from the fuel cell, which allowed operators to see the hour-by-hour performance of machines. This eliminated the need to manually collect performance-related data.



Real-Time Visibility

Automated data collection quickly gave operators visibility into the manufacturing process.



Loss Analytics

Loss analytics account for break creep, late starts, early departures, speed loss and more.



Digital Displays

Digital screens helped drive performance while eliminating manual performance reviews.

RESULTS

Eliminating Overtime Shifts and Costs

After deploying and adopting Shoplogix's solution, the company immediately achieved a daily production target of 312 parts in 7 hours. In less than a week, a record of over 462 parts were made during the second shift.

Daily parts per scheduled hour increased by approximately 10%. In one month, Shoplogix boosted the daily parts per scheduled hour from 37.5 to 40.5. The second shift also made significant strides in availability, increasing it by 4% in just one month.

Meanwhile, operators exceeded 300 parts per shift by becoming highly engaged with the data provided by the digital screens. The company achieved a 52% reduction in break creep, coming down from 9.1 hours a month to 4.4 hours a month.



312 parts produced
on the day of installation



462 parts produced
in less than a week
during second shift



10% increase in throughput
for daily parts per scheduled hour



52% reduction in break creep
down from 9.1 hours to
4.4 hours a month

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.