



### Case Study

**Shoplogix increased a company's  
production ratio by 5%  
within 4 months**

## BUSINESS GOALS

The manual collection of data across an entire plant led to poor performance. Fueled by a global initiative and continuous improvement, a global supplier of automotive technology needed to find a solution that would provide real-time visibility into processes and performance. A partnership with Shoplogix was the company's first step in the right direction.

As a result, the company had the ability to make better decisions about priorities and resources. This let the company accelerate its digital initiatives, increase efficiencies and reduce overtime costs.

### Main Goal

The company's goal was to increase the production ratio and reduce overtime hours through the use of accurate data and real-time visibility. This was to be done at the operational level in order to drive improvements from the ground up.

## BUSINESS CHALLENGES

Going back to the basics, the company started with data. Data accuracy was one of the biggest challenges, which required the elimination of manual tracking and reporting through automation.

The biggest challenge was having reliable performance numbers to make better decisions faster. Data accuracy was problematic because employees were manually collecting and reporting in their processes. The company had to deal with issues after the fact, which meant the company lost 24 hours of opportunity to tackle problems.



### Manual Tracking and Reporting

Collecting data manually across the plant led to poor performance.



### Lack of Real-Time Engagement

Low engagement among employees led to costly miscommunications.



### Missed Opportunities

Inaccurate cycle time data led to substandard plant floor visibility.



## SOLUTION

Shoplogix gave associates a way to see and understand their targets with real-time visibility into issues, allowing associates and other stakeholders to create a collaborative environment that would drive improvement and allow the company to capitalize on missed opportunities.

The company installed Shoplogix on the dough molding compound (DMC) line to improve real-time visibility, engage associates and drive improvements. Success was measured by an improvement in production ratio (PR) and overtime reduction. There were obvious opportunities to improve on a particular machine because of the amount of overtime required to meet customer demands.



### Real-Time Visibility

Automated data collection gave employees real-time visibility into performance metrics while fostering an environment of collaboration.



### Continuous Improvement

Shoplogix's accessible visual displays engaged employees in real time to accelerate the company's goal of continuous improvement.



### Resource Prioritization

Real-time data allowed employees to solve production ratio, downtime, scrap and cycle time issues immediately.



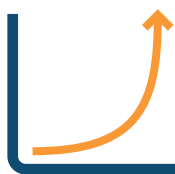
### IOT Connectivity

Shoplogix's universal connectivity capability provided employees with a true representation of key efficiency metrics to scale overall productivity.

## RESULTS

The company experienced significant improvements across the entire plant. Shoplogix's Smart Factory Suite allowed the company to monitor every machine, which resulted in better resource allocation, a reduced number of shifts and improved cycle times. The net effect reduced costs, increased the PR and provided a high return on investment (ROI).

### Safety Stock Recovery



**\$77,052**

#### Overtime Savings

Since Shoplogix was installed, the company reduced overtime hours by 64% and saved \$77,052 in additional labor costs that were incurred to recover safety stock.

### Cycle Time Decrease



**\$100,400**

#### Labor Savings

Shoplogix helped the company reduce cycle time by 10% in labours costs. Cycle time was reduced to 3.5 seconds on the HVAC molding line. With less people required to produce the same amount of product, cost reduction due to labor amounted to \$100,400 per year.

### Production Ratio



**5%**

#### Increase

The HVAC molding line is now operating at higher levels of efficiency. Within four months of the Shoplogix installation, the company increased the PR by 5%.

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

[www.shoplogix.com](http://www.shoplogix.com)  
[info@shoplogix.com](mailto:info@shoplogix.com)

**NORTH AMERICA** +1 905 469 9994

**EUROPE** +353 86 349 5638

**LATIN AMERICA** +52 55 5596 6060

## 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.