



## Case Study

How Shoplogix achieved and sustained a **15% efficiency gain** on higher volumes

## BUSINESS GOALS

A cooperative owned by farmers wanted to increase productivity and throughput. This would require mitigating productivity losses exacerbated by frequent and lengthy equipment changeovers and startups alongside unoptimized scheduling and workforce management.

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## BUSINESS CHALLENGES

The demand for cultured products such as cottage cheese, yogurt and sour cream exceeded forecasts, but overall equipment efficiency (OEE) was consistently below standards. The cost for additional capacity was too high to keep up with the burgeoning volume. As a result, business was turned away.



### **Lack of Automation**

The need to manually collect and record production data was cumbersome and often prone to human error, leading to inaccurate explanations for downtime and fixing areas that did not require repairs.



### **Lack of Communication**

The set categories for operators to choose from were nonexistent while the language on the plant floor used to describe issues varied by shift and operator, resulting in non-optimized production targets.



### **Lack of Visibility**

The manufacturing floor did not have the increased visibility and better information required to heighten the awareness of production statuses among employees, which led to operational inefficiencies and lower output.

# SOLUTION

Root cause analysis, standardization and digital display boards provided the knowledge and visibility required for employees to determine the true causes of downtime, communicate issues clearly and become accountable for production outcomes.



## Root Cause Analysis

Shoplogix provided the cooperative with a solution that connected to any machine or line, leading to the understanding of the root causes of downtime while automating production data collection.



## Plant-Wide Standardization

Shoplogix's Smart Factory Suite standardized the manufacturing floor with set categories and language for employees to describe issues that varied by shift and operator, resulting in letting users enter the correct diagnostics.



## Digital Display Boards

Shoplogix allowed employees to access a visual management system on the shop floor, granting them visibility into production statuses while creating a higher sense of urgency and increasing accountability.



## RESULTS

The cooperative improved and maintained its case count per hour across the plant floor thanks to accurate data collection, correct diagnostics and increased accountability. Employees across the manufacturing floor became constantly engaged to increase overall productivity and throughput.



### Increased Efficiency Gain

Efficiency gain on higher volumes increased by 15%



### Decreased Overall Downtime

Downtime categories identified root causes for production issues



### Improved Management System

Employees benefited from accurate production statuses

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.