



## Case Study

**Global health care innovator  
saves \$56,782 in direct labor  
with Smart Factory Suite**

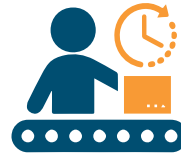
## BUSINESS GOALS

A global healthcare innovator had a baseline OEE of 67%. The company required improvements due to outdated and unreliable data tracking methods. Adopting a digital software solution that emphasized cloud-based smart manufacturing technology would improve the company's operational processes, allowing the facility to meet production benchmarks and reduce labor costs.

In October 2019, the company identified an opportunity to upgrade its existing reporting system to gain visibility into bottleneck operations. The team required a solution to collect granular and reliable data from each asset across a line and to display accurate visual and actionable data. The data needed to be easy for employees to identify losses in real time.

## BUSINESS CHALLENGES

The Company focused on overcoming the following obstacles affecting their journey towards digital transformation:



### **Substandard Production Baseline**

Inefficiencies caused operational bottlenecks and poor performance metrics.



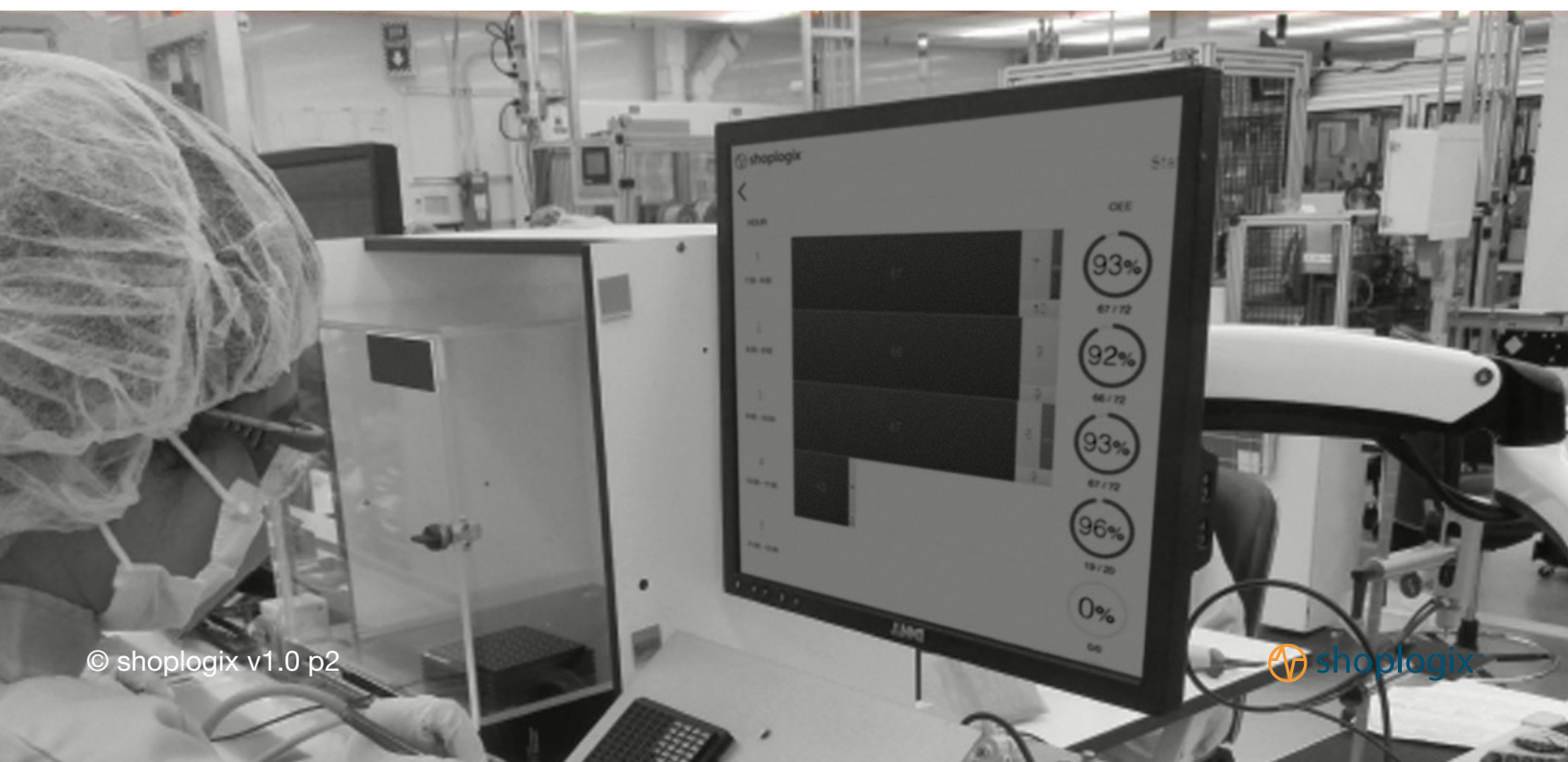
### **Inaccurate Data Collection**

Manual data collection caused low throughput rates and slow delivery times.



### **Complex Machine Metrics**

Convolutd visual displays caused real-time losses and plant-wide disorganization.







Through reliable and real-time data collection, the company increased **its OEE baseline to 76%**, reduced downtimes, simplified machine metrics and gained accurate visibility into plant floor activities.

## SOLUTION

The company needed to improve its substandard OEE of 67% and yield higher efficiencies. Shoplogix's Smart Factory Suite provided universal connectivity, digitization and visualization, as well as analytics. This led to accurate operational data, enhanced visibility and facility-wide standardization. Through Shoplogix, the company's operators and supervisors were able to focus on targeting equipment-specific losses, micro-stops and downtime. Employees also benefited from accurate reporting and accountability across the plant floor.

Ultimately, the company gained instant visibility into daily operations and was able to build a historical database for future analyses, plant developments and expenditures. The accurate reports within a consolidated system offered simplicity and speed while promoting a paperless plant floor.

# RESULTS

By adopting digital transformation practices such as real-time data collection, implementing visual displays and employing an omniscient reporting system, the company's team gained insight into plant-wide performance without sacrificing productivity. As a result, the company was able to achieve its manufacturing benchmarks and saw improvement in operation constrictions.



## OEE increased to 76%

Up from 67%



## 8% direct labor saved from baseline

\$56,782 / Line 7



## Improved throughput rate

88,000 more products

Shoplogix's Smart Factory Suite optimized the company's manufacturing operations while providing facility-wide digital transformation. Through reliable and real-time data collection, the the company's facility increased its OEE baseline to 76%, reduced downtimes, simplified machine metrics and gained accurate visibility into plant floor activities. This allowed the facility to meet production benchmarks and reduce labor costs. The company was also able to pull and share daily machine reports that measured hourly downtime, cycle time and goal targets for Line 7. This paved the way for maintaining seamless operational processes.

Through Shoplogix's software, the company's facility witnessed an 8% growth in plant-wide OEE. This meant OEE increased to 76% and contributed to an improved throughput rate that resulted in 88,000 more products. The facility achieved operational excellence while continuously improving the overall enterprise.

They gained access to real-time performance data and automated reports, which propelled them towards operational excellence and continuous improvement.

The company was able to pull and share daily machine reports that measured hourly downtime, cycle time and goal targets for Line 7, which paved the way for maintaining a seamless portion packing system.

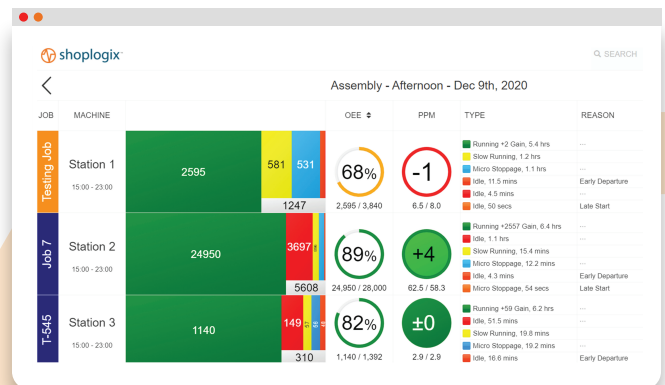
The company gained access to critical data and attained impressive metrics, including an **8% improvement** in direct labor costs and an **overall improved OEE rating of 76%.**



# FACTORY OF THE FUTURE

The company continues to gain a competitive edge within the manufacturing industry through the Shoplogix Platform. The transformation from manual to automated processes gave the company the ability to scale, increase production, solve bottleneck challenges, empower employees and standardize key performance indicators (KPIs) for current and future plant developments.

Date: Feb. 24, 2015			Shift: Day		Line: 9
Hour	Target	Actual	Shift Target	Shift Actual	Comments
1	210	210	210	210	--
2	210	150	420	360	--
3	210	210	630	570	--
4	210	216	840	786	--
5	210	186	1050	972	Lunch Break
6	210	127	1260	1099	20 minutes maint.
7	210	210	1470	1309	--
8	210	113	1680	1422	--



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.