



CASE STUDY | EISSMANN GROUP

Increasing revenue, cutting costs,
and reducing overtime

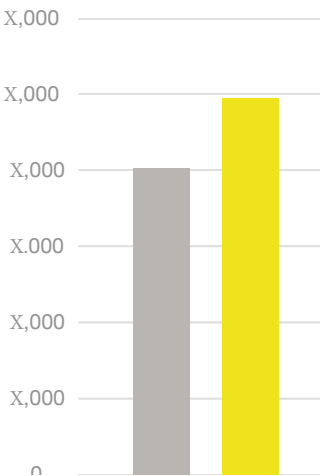


Case Study

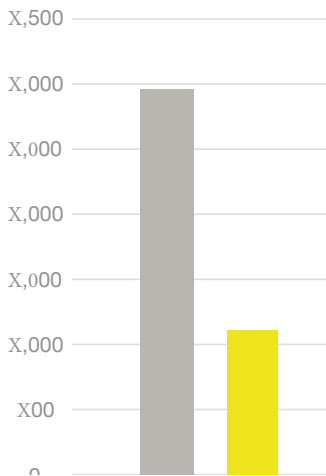
EISSMANN GROUP



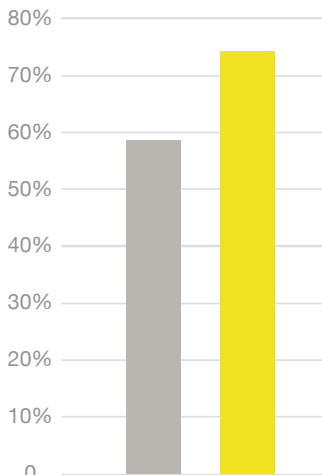
**Production Quantity
Per Day**
23% Improvement



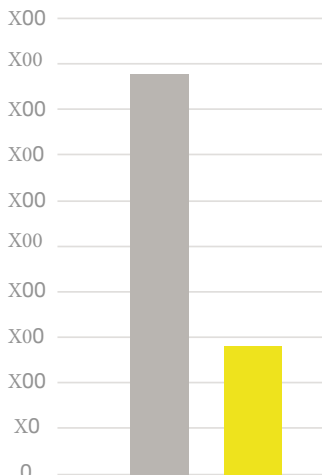
**Over Time Hours
Per Month**
63% Reduction



OEE
27% Improvement



**Defect Parts
Per Million**
68% Reduction



Increasing Revenue
By producing 23% more parts, at the same given time

Reducing Costs
By cutting 63% of Operator's Over Time

Reducing Costs
By running 27% more efficient

Increasing Revenue
By reducing 68% of defect parts, producing more at the same given time



***“Visual Factories is one of the best investments I made
in my entire 25 years in manufacturing”***

/ Tracy Breeding Managing Director of Eissmann Automotive, Pell City, Alabama

Increasing revenue, cutting costs, and reducing overtime in one fell swoop

Performance improvements at Eissmann, Pell City following Visual Factories Installation

	January	August	Imprv.
Production quantity per day			22.97%
Number of shifts per day	3	2	
Labor cost percent out of sales			20.48%
OEE (Overall Equipment Effectivness)	59%	75%	27.12%
OT - Over Time			62.52%
FTE - Full Time Equivalent			16.31%
Machine uptime	80%	92%	15.00%
DPPM - Defect Parts Per Million			68.11%
Scrap rate			42.86%

THE CUSTOMER

Eissmann Group Automotive

CUSTOMER URL

<https://www.eissmann.com/en/>



“Visual Factories simplicity and compatibility enabled us to connect all our machines on our own, and start monitor & analyze our performance in a matter of days”

/John Medley Head of Engineering & Maintenance of Eissmann Automotive, Pell City, Alabama

About Eissmann

Eissmann Group Automotive is a large multinational manufacturing company serving the automotive industry. As one of the leading international manufacturers of high-end shifter modules, trim components, and complete automotive interiors, Eissmann works in partnership with virtually all the well-known manufacturers in the automotive industry.

The Problem - A lack of visibility into machine operations

Like many factory workers, the team at the Eissmann facility in Pell City were in the dark about exactly what they were producing and whether their lines were working as efficiently as it could be. In an effort to better understand the factory's performance and make more-informed decisions, the team decided to install Visual Factories at Pell City.

After 8 months of using Visual Factories, the facility was producing more parts in less time, using fewer manpower hours, and resulting in less overtime and less waste. A real win!

Results - Achieving more with less

By addressing the issues highlighted by the Visual Factories system, in just over 8 months of operation, the factory was able to significantly increase their output while reducing their machine downtime, staff overtime and costs.

Visual Factories - Simple & intuitive to operate, fast to deliver results

Unlike many other performance monitoring platforms for manufacturing, Visual Factories is easy to master and fast to deliver benefits:

- ✓ **Compatible** - Visual Factories' IoT devices were attached to all critical machines in the Pell City plant. This was easy to achieve as Visual Factories IoT devices are compatible with any machine, no matter the age of the machine, the processes it runs or the type of PLC it has.
- ✓ **Plug and play** - Visual Factories' simple plug-and-play configuration tool made it easy and fast for Eissmann's maintenance and engineering personnel to get the system up and running.
- ✓ **No training needed** - Visual Factories' simple and flexible automatic data collection infrastructure doesn't require any special training or knowledge so Eissmann's operations personnel were able to start capturing relevant machine activity from the get-go, without needing to further configure the system or intervene in the data-collection process.
- ✓ **Immediate insights** - From the minute it was installed, Visual Factories began to gather machine data and highlight the factory's main inefficiencies.
- ✓ **Alerts** - Managers and staff received alerts in real-time notifying them of inefficiencies as they occurred.
- ✓ **Reports** - Aside from real-time alerts, personnel received root cause analysis reports on a daily, weekly and monthly basis. These reports displayed the data collected and incorporated ROI calculations and recommendations as to possible corrective actions factory management could take.