
Case Study

Industrial Mold Manufacturer, Romania

We helped Inteliform (inteliform.ro), a manufacturer of industrial molds from Romania, implement a production system based on Lean techniques, increasing productivity by 37%, reducing waste by 25%, and ensuring consistent product quality.

Inteliform was founded in 1994 by two engineers in Timișoara, a city that has become a major hub for the automotive industry in Romania. Its position as a supplier of industrial molds, including for the automotive sector, allowed the company to take advantage of local development opportunities and grow rapidly.

By 2014, Inteliform owned modern production facilities covering an area of 800 m², along with CNC (Computer Numerical Control) equipment worth over 2 million euros.

However, the production processes were not optimized, resulting in inefficient equipment use, bottlenecks, and significant downtime. To increase production and business efficiency, Inteliform decided to apply Lean principles and techniques.



We connected the company with Effective Flux, a consultancy specialized in organizational and production process optimization, with in-house certified expertise in Lean and Six Sigma.

The consultant:

- Presented Lean production principles and techniques to the company's management and employees
- Conducted an initial process audit
- Trained the team on the 5S system (Sort, Set in order, Shine, Standardize, Sustain)
- Implemented visual management, equipment management, and problem-solving methods
- Conducted a final process audit and developed an adjustment plan

One year after the project's completion, Inteliform had significantly increased its production efficiency and turnover. The company now monitors production waste and has implemented a performance measurement system, as well as the 5S system according to Lean principles.

“We gained a lot from this project and would like to further explore Lean techniques alongside the same consultant,” said Mr. Adrian Boldan, the company's manager. “The way the team's attitude changed after the training sessions was extraordinary, and we'd like to bring the Lean magic to other departments in the company.”

To fully capitalize on the increased productivity, Inteliform purchased a new CNC production line and four new machines, with a total value of €1.72 million.

Turnover
+24%

Productivity
+37%

Production Waste
-25%

Total Project Value
€13,020

Client Contribution
€7,245