

# Results: Operational Efficiency Improvement

Industry : Manufacturing / High-Volume Extrusion Line

Approach : Customized Lean Transformation

Major Tools Used : VSM, SMED, Standard Work, & 5S

GOAL	BEFORE	AFTER	% IMPROVEMENT
Productivity (# of Operators)	12	8	↓ 33%
Productivity (Parts / Labor Hrs.)	22.3	30.6	↑ 37%
Lead Time (Days) (Machining)	14	<1	↓ 93%
Work In Process Inventory (Pieces)	15,200	<200	↓ 99%
Total Travel Distance (Footage)	433	20	↓ 95%
Safety and Ergonomics Improvements (# of Improvements Implemented)		15	—



## Business Challenge

- Longer lead times
- Increased customer demand
- Surplus Work In Process Inventory (WIP)
- Excess transportation in material handling
- Excessive number production associates



## How LSSE Helped

- Conducted an initial assessment at Client's site
- Provided lean overview training to build the foundation of Lean thinking with the team members
- Streamlined end to end operations process
- Applied a customized lean approach to achieve the results as shown in the previous page



Lean Six Sigma Experts

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**Contact Us to Learn More**

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