



ADDITIVE MANUFACTURING

If you haven't adopted 3D printing or additive as a manufacturer, your competition has already done it. Purdue MEP can help guide you through adoption and resource planning.

Assessments

Purdue MEP will come on-site and review the production floor to get a better understanding of opportunities and challenges that may arise while adopting additive technologies.

We offer a solution-based approach which considers all relevant technologies, materials, supporting software and post processing systems available, not just certain product lines from a reseller.

Clients often choose an assessment when planning for an upcoming capital equipment purchase. This can be seen as insurance against buying the wrong 3D printer.

Objectives:

- Integrate additive manufacturing within the shop floor
- Integrate additive manufacturing into the supply chain
- Create new business models centered around additive manufacturing

Deliverables:

- Best fit technology
- Training and resources required
- ROI and payback period
- Benchmark parts

Audience:

Engineers, Plant Managers, Presidents, and Continuous Improvement Directors.

Consulting

Additive manufacturing consulting is available to clients seeking assistance at a project level.

Objectives:

- Integrate additive manufacturing within the design process
- Improve existing 3D printer usage, effectiveness and operator skill level
- Improve part performance and/or overall cost
- Alleviate supply chain strain through dual manufacturing methods

Impacts of Additive Manufacturing:

- Reduce lead time
- Improve speed to market
- Ignite employee-driven innovations
- Reduce non-value added costs
- Mitigate supply chain issues