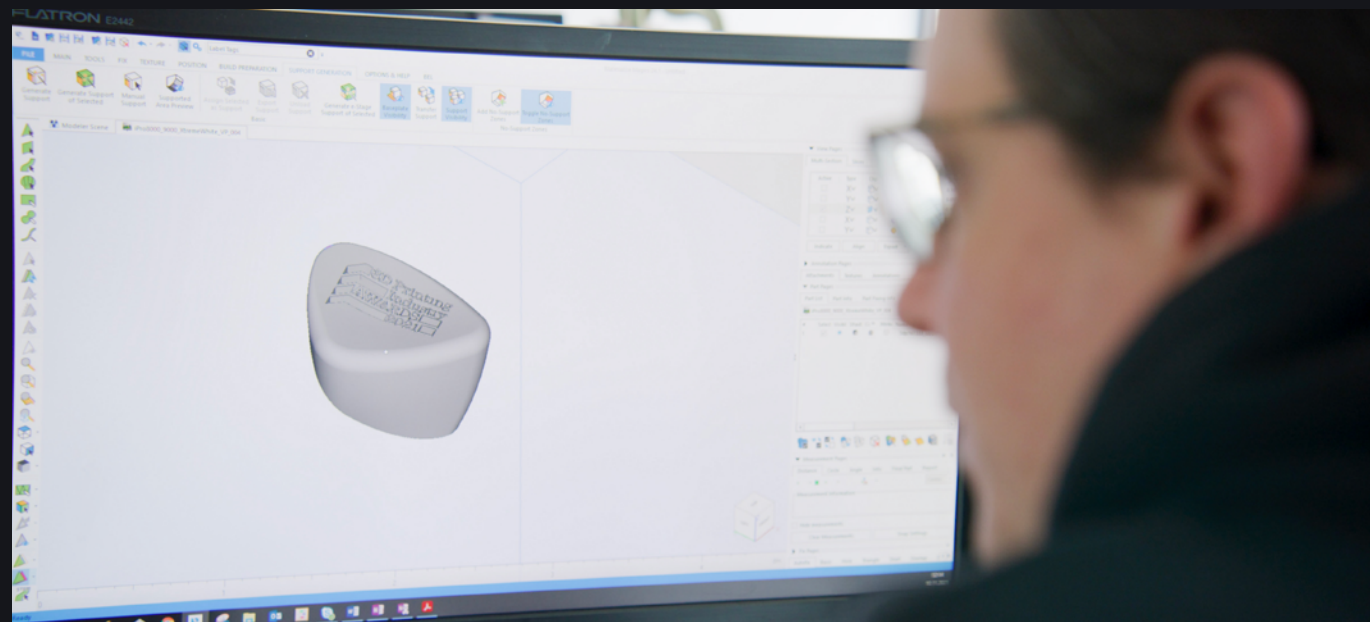


Print it Better: End-to-End Solutions for Complex Printed Parts



Producing reliable, high-quality printed parts for end-use applications requires know-how. Protolabs 3D printing services are built on core engineering principles and paired with a rich history with printing and post-processing capabilities. The result is hundreds of years of combined additive experience to help you print better parts across the entire product lifecycle.



Pre-Order Capabilities Prototyping

Design review with additive Applications Engineer
Simple CAD upload and quote configuration
Design for Additive Manufacturability analysis
Get a quote and place an order in minutes

Production

Catalog parts for production on [protolabs.com](https://www.protolabs.com)
Repeat part ordering
2D technical drawing review
Review of review of requirements (flow downs, delivery schedules, etc)



Order Capabilities Prototyping & Production

Pre-manufacturing

- Scheduling
- Part preparation & support

Manufacturing

- Printing
 - 120+ machines across 6 technologies
- Post-printing operations
 - Vibrasonically clear unsintered powder
 - Stress relief thermal cycle
 - Support removal
 - Standard finishing
 - 18 secondary operations to meet functional and/or aesthetic requirements

Quality & inspection processes

- In-process inspections
- Final inspection (visual & dimensional validation of sample lot)
- Quality documentation options such as AS9102 First Article Inspection and Dimensional Inspection Report



Post-Order Capabilities Prototyping & Production

Quality related questions with Customer Quality Engineering
Support Center on [protolabs.com](https://www.protolabs.com) for billing, order, or documentation questions
Update or modify parts cataloged for production