

JABIL

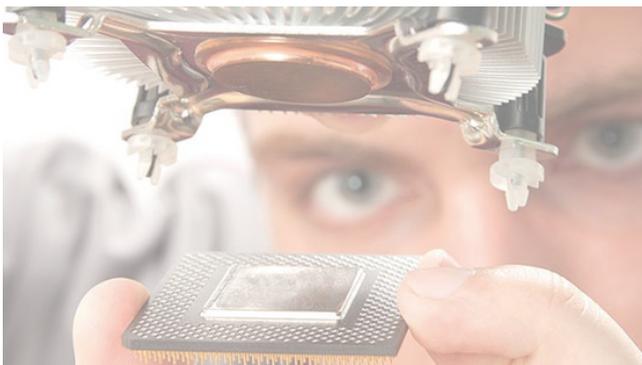
Additive Manufacturing

Accelerating Time-to-Market and Enabling Cost-Effective Production Runs

Additive manufacturing (3D printing) is a simple concept: building something by adding layers instead of machining a block or filling a mold. The technique opens a world of possibilities, such as enabling remarkably rapid prototyping and low-volume production of otherwise prohibitively expensive custom parts. A hardware product or component can be designed online and “printed” in hours.

Jabil — A Trusted Partner

For manufacturers, however, it can be a remarkably intricate process, requiring considerable experience and deep expertise. Advanced 3D printers are expensive, material choices are complex, design skills are rare, and best practices aren’t standardized. From binder jetting to vat photopolymerization, from CAD proficiency to supply chain optimization, Jabil is a trusted partner that knows how to evaluate and execute — quickly and cost effectively — top additive manufacturing strategies.



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Deep Expertise

Jabil applies its unique combination of knowledge, software, and machines into digital model shops and integration labs to solve diverse manufacturing challenges. For example, bringing a new, potentially high-volume product to market typically requires multiple design iterations. With Jabil rapid prototyping and additive manufacturing, designs are made real in hours and days instead of weeks. And for test marketing, Jabil can quickly print injection molds — agile tooling — for low-volume production runs

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Additive Manufacturing

Another area where Jabil additive manufacturing excels is with custom replacement parts. Capital equipment is often designed to last several decades, but when the part wears out, spares are unavailable. Using 3D computer-aided tomography (CAT) scanning capabilities, Jabil can recreate the part digitally, and then use additive manufacturing to cost-effectively build a limited number of replacements.

Capabilities

Jabil additive manufacturing capabilities enable optimized products, faster time-to-market, lower manufacturing costs, and reduced supply chain risk with these differentiators:

- Core expertise
- Integration lab and digital model shop
- State-of-the-art, high-end equipment
- Customer Innovation Centers located close to partner manufacturing
- Key complementary Jabil technologies:
 - Printed electronics
 - Materials technologies
 - Fluidics and microfluidics
 - Automation



Learn about all Jabil design, engineering, manufacturing, packaging, and supply chain capabilities at www.Jabil.com.