Jabil Advances Additive Manufacturing Market with Integration of Engineered Materials, World-Class 3D Printing Machines and Proven Processes

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Comprehensive Services Expected to Speed Adoption of Additive Manufacturing While Custom Materials Meet Demand for Unique Customer Applications

ST. PETERSBURG, Fla.--(BUSINESS WIRE)--Jan. 22, 2019-- Jabil (NYSE: JBL) today introduced a complete solution for creating, integrating and validating custom engineered materials for additive manufacturing. The availability of Jabil Engineered Materials reinforces the company's 3D printing leadership while driving further adoption of 3D printing to produce highly functional parts for diverse and unique customer applications.

"Jabil is taking advantage of its rich history in materials science innovation to advance the entire additive manufacturing market forward and produce custom materials in weeks—not months," saidJohn Dulchinos, vice president of digital manufacturing, Jabil. "Our ability to integrate new engineered materials into our ecosystem of 3D printers and rigorous processes will transform a new generation of additive manufacturing applications, including those for heavily regulated industries, such as aerospace, automotive, industrial and healthcare."

According to a 2019 survey of 3D printing stakeholders sponsored by Jabil, expected growth rates for use of 3D printing have skyrocketed despite lingering challenges with part quality and materials. More than half of the 300 survey participants reported that the cost and availability of materials is an obstacle for increasing 3D printing adoption within their organizations.[1]

Driving Adoption with Integrated Materials, Processes and Machines (MPM)

Jabil will evaluate, qualify and validate materials alongside certified machines and processes as part of an integrated MPM solution that matches specific part performance with application requirements. This comprehensive approach ensures greater availability of unique materials while reducing time-to-market and cost to produce the highest quality parts.

Additionally, Jabil's manufacturing rigor and leadership in adopting open 3D printing platforms will optimize the performance of specific materials on multiple 3D printers. Backed by a half-century of manufacturing experience and broad visibility into diverse customers, technologies and industries, Jabil is uniquely positioned to expand the additive manufacturing landscape.

New Materials Innovation Center Opens in Minnesota

Jabil has opened a Materials Innovation Center in Minnesota to deliver complete 3DP solutions under one roof, encompassing polymer formulations, compound development and ISO 9001 Quality Management System (QMS) certification. Additive manufacturing engineers, chemists, materials scientists and production experts consult with customers, leverage Jabil's materials science innovations and oversee each step of making custom powders and filaments.

The rapid iteration and certified production of these engineered materials will provide customers with a faster path from prototyping to production than currently available. Value-added attributes include, but aren't limited to, reinforced, flame retardant, conductive, lubricated, Electrostatic Dissipative (ESD) and other engineered characteristics. A full range of services also are available, including compounding, extrusion and powder creation as well as complete system integration on standard, open source platforms supported by Fused Filament Fabrication (FFF), Selective Laser Sintering (SLS) and High-Speed Sintering (HSS) equipment.

"As an emerging digital manufacturing powerhouse, Jabil is clearing the major obstacles to delivering robust, certifiable, traceable production solutions for additive manufacturing," said Richard D'Aveni, Dartmouth Tuck professor and author of the new book, *THE PAN-INDUSTRIAL REVOLUTION: How New Manufacturing Titans Will Transform the World*. "By smoothly interconnecting 3D printing machines, processes and materials across its global Additive Manufacturing Network, Jabil is poised to propel the entire additive manufacturing market forward with speed and agility."

Availability

Jabil Engineered Materials will be available starting this month through distribution partners, including Chase Plastics and Channel Prime Alliance. Print profiles for Jabil Engineered Materials also will be available through Ultimaker Cura software with links to Jabil's distribution partners.

Supporting Resources

- Jabil Additive
- Chase Plastic Services, Inc.
- Channel Prime Alliance
- Ultimaker Cura software

About Jabil

Jabil (NYSE: JBL) is a product solutions company providing comprehensive design, manufacturing, supply chain and product management services.

Operating from over 100 facilities in 29 countries, Jabil delivers innovative, integrated and tailored solutions to customers across a broad range of industries. For more information, visit jabil.com.

[1]Jabil survey conducted by Dimensional Research, “Current State of Additives and 3D Printing,” January 2019.

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Source: Jabil

Americas:
Sue Hetzel/HetzelMeade Communications, Inc.
sue@hetzelmeade.com
760.473.4729

Asia:
Aileen Han/Jabil
aileen_han@jabil.com
+65 6631 8733

Europe:
Kirsten Oosterhof/Jabil
kirsten_oosterhof@jabil.com
+44 (0)1506 447215