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| News ReleaseHP Leads Digital Manufacturing Forward with Powerful New 3D Printing Solution, Industrial Alliances, and Global Production NetworkNew HP Jet Fusion 5200 Series 3D printing solution unleashes manufacturing predictability, breakthrough economics, and new applications; Industry leaders BASF, Jaguar Land Rover, Materialise, Siemens, and Vestas lean in with HP;New HP Digital Manufacturing Network for high-quality parts at scale |

## News highlights:

* New HP Jet Fusion 5200 Series 3D printing platform delivers improved economics, performance, and part quality; new TPU material enables new classes of applications
* HP expands alliances with BASF, Materialise, and Siemens; industry leaders Jaguar Land Rover, Vestas and more embrace new HP 3D printing solution
* New global HP network of digital manufacturers to deliver high-quality parts at scale for production jobs

Palo Alto, CA – May 9, 2019 **—** Today, HP Inc. unveiled a series of innovations and partnerships helping its customers accelerate their digital manufacturing journey. HP is expanding its industry-leading 3D printing portfolio with the new Jet Fusion 5200 Series 3D printing solution, an industrial 3D printing system bringing new levels of manufacturing predictability, efficiency, repeatability, and quality to customers scaling to full production. To further enable customers digitally transforming their manufacturing, HP is also expanding its strategic alliances with industrial leaders BASF, Materialise, and Siemens, and launching the HP Digital Manufacturing Network, a new global community of proven, large-scale 3D printed parts providers.

*“The Fourth Industrial Revolution is one of the most transformative forces in our lifetime. New technology innovations will be required, new partnership models will emerge, and new modes of doing business will unfold,”* said **Christoph Schell, President of 3D Printing and Digital Manufacturing at HP Inc**. *“HP is committed to helping customers with diverse manufacturing needs turn change into opportunity by delivering the most innovative solutions portfolio and comprehensive ecosystem of industry-leading partners. The broadening of our portfolio with the new Jet Fusion 5200 Series 3D printing system, coupled with expanded industrial alliances and our new Digital Manufacturing network, are important accelerators of our digital manufacturing journey.”*

**HP Jet Fusion 5200 Series 3D Printing Solution: Breakthrough Economics, Productivity, and Applications**The new **HP Jet Fusion 5200 Series** 3D printing solution brings together new systems, data intelligence, software, services, and materials innovations enabling customers to scale their 3D production and target business growth. Leveraging these innovations, the new solution expands manufacturing predictability with high-quality and optimal-yield of parts at industrial levels of efficiency, accuracy, and repeatability; delivers best-in-class economics and productivity for production environments; and provides the increased flexibility, improved uptime, streamlined workflows, and simplified fleet management required for factory production settings. New data intelligence, software, and services capabilities, including the **HP 3D Process Control** and **HP 3D Center** software offerings and the **HP 3D Parts Assessment** service, enable customers to achieve new heights of operational efficiency and repeatability, and identify and optimize production of new 3D applications.

HP also introduced a new certified thermoplastic polyurethane (TPU), ULTRASINT™ developed by BASF, to expand the breadth of final-parts applications for customers on the newJet Fusion 5200 Series systems. The new TPU is ideal for flexible and elastic parts and complements HP High Reusability[[1]](#endnote-2) PA-12, PA-12 Glass Beads, and PA-11 materials, with more coming in the future.

Numerous companies across the automotive, industrial, consumer goods, and manufacturing sectors are exploring new applications for the new Jet Fusion 5200 Series 3D printing solution, including **Avid Product Development, BASF, Jaguar Land Rover, Kupol, Materialise, Sculpteo, Prodartis**, and **Vestas.**

*“Innovation and advanced technology are at the core of Jaguar Land Rover’s commitment to deliver outstanding customer experiences.  The transition to an autonomous, connected electric and shared future and the journey to Industry 4.0 are central to our future strategy,”* said **Ben Wilson, Additive Manufacturing Manager, Jaguar Land Rover.** “*Our work with HP to advance our knowledge and in-house capability in 3D printing has been an important step towards production of quality parts to support current and aftermarket customers. The continuation of this collaboration through the early use of the new HP Jet Fusion 5200 3D printing platform will help us to better understand opportunities to unlock new application areas whilst supporting investigations to advance the productivity, efficiency and reliability of the technology.”*

*“As the largest provider of wind turbines in the world, Vestas is looking to innovators like HP to help us speed new product development for a more sustainable future,”* said **Jeremy D. Haight, Senior Principal Engineer of Emerging Technologies, Vestas VBIC**. *“The combination of new 3D printing materials and technology breakthroughs is a significant step toward unlocking new design possibilities, streamlining our manufacturing, and improving environmental sustainability.”*

The new Jet Fusion 5200 Series 3D printing solution is available today. Full solution information can be found at www.hp.com/go/3DPrinter5200.

**HP Deepens Industrial Alliances to Drive the Future of Digital Manufacturing**

Today HP also unveiled expanded alliances with a number of industrial leaders to help customers on their journey to digital manufacturing.

**Siemens,** an innovation leader in automation and digitalization, and HP are expanding their alliance to deliver an end-to-end additive manufacturing solution integrating HP’s 3D printing and data intelligence platform, including the new HP Jet Fusion 5200 Series 3D solution, with Siemens’ Digital Enterprise software portfolio. HP and Siemens are bringing together the power of both companies to expand the market and help customers create unique product designs, bring high-quality 3D parts to market faster, and set up digital factory environments that unleash the full potential of additive manufacturing.

*“We are excited to expand our collaboration with HP. Innovative partnerships and cutting-edge technologies such as additive manufacturing are essential for the digital transformation of companies across industries. Siemens and HP are thinking ahead to the future and are bringing together the best from both companies in a complete, industry-specific solution that will accelerate the adoption of industrial additive manufacturing and help our customers to increase flexibility, efficiency, and speed of digital manufacturing,”* said **Klaus Helmrich, CEO of Siemens Digital Industries and member of the Managing Board of Siemens AG.**

**BASF**, the world’s leading chemical company, and HP are expanding their alliance to deliver innovative BASF materials certified for HP’s new 3D printing solutions. The two companies will also partner to grow the market and help customers design and develop new applications with this unique combination of materials science and 3D printing capabilities. Already, BASF and HP are already working with **Vestas**, the world’s largest provider of wind turbines, and **Sculpteo**, a provider of 3D design and production services, on new applications produced with BASF’s ULTRASINT™ TPU on HP Jet Fusion 3D printing systems.

“*Collaborative innovation among key players in the industry will help customers unlock the full potential of 3D printing,”* said **Dr. Markus Kamieth, Member of the Board of Executive Directors at BASF**. *“The introduction of the new TPU is a significant milestone in the cooperation between BASF and HP, aligned with our common objective to accelerate the industrialization of additive manufacturing.“*

**Materialise**, a 3D printing services and software leader, and HP are extending their partnership to integrate the new HP Jet Fusion 5200 and HP Jet Fusion 500/300 3D printing solutions with Materialise’s Build Processor and Materialise Magics 3D Print Suite. As an early customer of the new Jet Fusion 5200 3D printing solution, Materialise is also identifying and developing new innovative applications for customers using the new BASF TPU and other available HP 3D printing materials. Materialise is also an initial partner of the new HP Digital Manufacturing Network, leveraging HP 3D printing technologies to deliver parts at scale for the European market.

*“The market is clearly embracing 3D printing for production and, as a long-standing HP partner, we are proud to expand our collaboration to new areas,”* said **Fried Vancraen, Founder and CEO of Materialise**. *“Our customers are excited by our tighter integration with HP, our joint work on new applications and materials, and our commitment to scale high-quality part production. Together we are helping our customers win in an increasingly competitive marketplace.”*

**HP Launches Digital Manufacturing Network: Proven Part Production at Scale**
Many companies look to digital manufacturing service providers to help speed development of new products, shorten time to market, create leaner supply chains, and reduce their carbon footprint. To meet those needs, today HP introduced the new **HP Digital Manufacturing Network**, a global community of HP production partners to help design, produce, and deliver both plastic and metal parts at scale leveraging HP 3D printing solutions. Members of the HP Digital Manufacturing Network possess high levels of advanced additive manufacturing expertise, robust quality management and end-to-end manufacturing processes, and a proven capability for volume job production.

The HP Digital Manufacturing Network initially includes partners in the United States, Asia, and Europe. Digital Manufacturing Network production partners who have met HP’s stringent program qualifications include **Forecast 3D, GKN Powder Metallurgy**, **GoProto**, **Jabil**, **Materialise**, **Parmatech**, and **ZiggZagg NV**. HP will further expand the network into other target markets with additional qualified partners in the coming months.

To learn more about HP Digital Manufacturing Network partners visit www.hp.com/go/DigitalManufacturingNetwork.

**About HP**HP Inc. creates technology that makes life better for everyone, everywhere. Through our portfolio of personal systems, printers, and 3D printing solutions, we engineer experiences that amaze. More information about HP Inc. is available at www.hp.com/go/3DPrint.

**Forward-Looking Statements**
This news release contains forward-looking statements that involve risks, uncertainties and assumptions. If the risks or uncertainties ever materialize or the assumptions prove incorrect, the results of HP Inc. and its consolidated subsidiaries (“HP”) may differ materially from those expressed or implied by such forward-looking statements and assumptions.

All statements other than statements of historical fact are statements that could be deemed forward-looking statements, including but not limited to any projections of net revenue, margins, expenses, effective tax rates, net earnings, net earnings per share, cash flows, benefit plan funding, deferred tax assets, share repurchases, currency exchange rates or other financial items; any projections of the amount, timing or impact of cost savings or restructuring and other charges; any statements of the plans, strategies and objectives of management for future operations, including the execution of restructuring plans and any resulting cost savings, revenue or profitability improvements; any statements concerning the expected development, performance, market share or competitive performance relating to products or services; any statements regarding current or future macroeconomic trends or events and the impact of those trends and events on HP and its financial performance; any statements regarding pending investigations, claims or disputes; any statements of expectation or belief; and any statements of assumptions underlying any of the foregoing.

Risks, uncertainties and assumptions include the need to address the many challenges facing HP’s businesses; the competitive pressures faced by HP’s businesses; risks associated with executing HP’s strategy; the impact of macroeconomic and geopolitical trends and events; the need to manage third-party suppliers and the distribution of HP’s products and the delivery of HP’s services effectively; the protection of HP’s intellectual property assets, including intellectual property licensed from third parties; risks associated with HP’s international operations; the development and transition of new products and services and the enhancement of existing products and services to meet customer needs and respond to emerging technological trends; the execution and performance of contracts by HP and its suppliers, customers, clients and partners; the hiring and retention of key employees; integration and other risks associated with business combination and investment transactions; the results of the restructuring plans, including estimates and assumptions related to the cost (including any possible disruption of HP’s business) and the anticipated benefits of the restructuring plans; the resolution of pending investigations, claims and disputes; and other risks that are described in HP’s Annual Report on Form 10-K for the fiscal year 2017, and HP’s other filings with the Securities and Exchange Commission. HP assumes no obligation and does not intend to update these forward-looking statements. HP’s Investor Relations website at http://www.hp.com/investor/home contains a significant amount of information about HP, including financial and other information for investors. HP encourages investors to visit its website from time to time, as information is updated, and new information is posted.

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1. Industry-leading surplus powder reusability based on using HP 3D High Reusability PA 11 and PA 12 at recommended packing densities and compared to selective laser sintering (SLS) technology, offers excellent reusability without sacrificing mechanical performance. Tested according to ASTM D638, ASTM D256, ASTM D790, and ASTM D648 and using a 3D scanner. Testing monitored using statistical process controls. [↑](#endnote-ref-2)