

## Sigma Additive Solutions Joins Dyndrite Additive Manufacturing Developer Council

- Leading provider of in-process quality assurance (IPQA™) solutions to the additive manufacturing industry
- Offers options for field retrofit or OEM integration
- Relationship aims to develop powerful new data tools for real-time in-process inspection to reduce costs and improve quality

**Chicago, IL — September 11, 2022** — Today at IMTS 2022, [Dyndrite™](#), providers of the GPU-accelerated computation engine used to create next-generation digital manufacturing hardware and software, announced the addition of Sigma Additive Solutions, Inc. (NASDAQ: SASI), a leading provider of in-process quality assurance (IPQA®) software to the additive manufacturing industry, to the Dyndrite Developer Council (DDC).

The DDC is a central component of the Dyndrite Developer Program, which provides tools, resources and community for original equipment manufacturers (OEMs), independent software vendors (ISVs), and service providers developing on the Dyndrite platform. Membership to the Council enables vendors to collaborate on standards needed for the industry as a whole, to positively influence technology directions, and to gain early access to new technologies being developed by Dyndrite and other developer council members.

Sigma Additive Solutions specializes in the development and commercialization of real-time monitoring and analytics solutions for 3D metal and polymer advanced manufacturing technologies. The company's PrintRite3D® solution detects and classifies defects and anomalies in real-time during the manufacturing process, enabling significant cost-savings and production efficiencies by reducing waste, increasing yield and shortening cycle times. The company's offerings are printer agnostic and work with most of the leading 3D metal and polymer printers.

“We are pleased to be part of the Dyndrite Developer Council,” said Jacob Brunsberg, President and CEO of Sigma Additive Solutions. “Quality starts at part concept and links throughout the additive workflow. Like our own company, Dyndrite shares a common commitment to building a backbone that works across industries and processes. Together, both organizations, and especially the combination of our joint technology, can help accelerate the adoption and scalability of quality in additive manufacturing, providing a critical path for the acceleration of additive industrialization.”

AM today lacks the process robustness and repeatability required for broader adoption within most serial production applications. Machine parameters need to be laboriously validated on a given machine during a materials and process development campaign, as well as extensive post-build inspection and quality assurance, resulting in higher costs than traditional manufacturing methods. Through platforms like Sigma Additive Solutions, users of 3D metal and polymer AM systems can dramatically improve quality, reduce costs and increase throughput.



“Quality assurance with traceability, repeatability and calibration are critical components of any production manufacturing process,” said Harshil Goel, CEO, Dyndrite Corporation. “Our materials and process development tools for Laser Powder Bed Fusion are complemented by Sigma Additive Solutions’ technology. We welcome Sigma Additive Solutions to the Dyndrite Developer Council and look forward to working with them in leveraging the Dyndrite Application Development Kit to supercharge their solution.”

Adoption of AM as a tooling and production solution is on the rise. Most [recently](#), President Joe Biden in an effort to boost additive manufacturing adoption created the Additive Manufacturing Forward (AM Forward) initiative, a public-private initiative implemented and managed by [ASTRO America](#) to accelerate the use of 3D printing technology by small and medium-sized manufacturers.

According to [Grand View Research](#), the global additive manufacturing market was valued at USD 13.84 billion in 2021 and is expected to expand at a compound annual growth rate (CAGR) of 20.8% from 2022 to 2030. A total of 2.2 million units of 3D printers were shipped globally in 2021 and the unit shipments are expected to reach 21.5 million units by 2030.

#### **About Dyndrite:**

Dyndrite makes an accelerated computation engine, a tool that gives hardware and software companies the power, freedom and control necessary to deliver the future of digital manufacturing. Our GPU-accelerated software delivers hyper-scalability, python automation and eyebrow-raising performance due to the dedication of a team of mathematicians, software engineers, designers, and mechanical engineers. Dyndrite exists to help its partners solve the toughest geometry and compute problems on the planet, to ignite their purpose. Investors include Gradient Ventures, Google’s AI-focused Investment Fund and former Autodesk CEO Carl Bass. The company, which was founded in 2015, is headquartered in Seattle, WA. For more information visit: [www.dyndrite.com](http://www.dyndrite.com)

#### **About Sigma Additive Solutions**

Sigma Additive Solutions, Inc. is a leading provider of in-process quality assurance (IPQA™) solutions to the additive manufacturing industry. Sigma specializes in the development and commercialization of real-time monitoring and analytics known as PrintRite3D® for 3D metal and polymer advanced manufacturing technologies. PrintRite3D detects and classifies defects and anomalies real-time during the manufacturing process, enabling significant cost-savings and production efficiencies by reducing waste, increasing yield and shortening cycle times. Sigma believes its software solutions will be a major catalyst for the acceleration and adoption of industrial 3D printing. For more information, please visit [www.sigmaadditive.com](http://www.sigmaadditive.com).

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