

Press release

Sigma Labs and Additive Industries announce MetalFAB1 certified as PrintRite3D® Ready

Collaboration agreement advances partnership providing in-process Melt-Pool Monitoring on four full field laser system

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In a joint partnership of the engineering teams of Sigma Labs, a leading developer of in-process quality assurance software for the additive manufacturing industry, and Additive Industries, the MetalFAB1 is now qualified as PrintRite3D Ready. This will allow the MetalFAB1 to be equipped with a melt pool monitoring solution. Ready for up to four full field lasers and real time multi-laser visualizations, the integration of the PrintRite3D Melt-Pool Monitoring solution is a valuable addition to the MetalFAB1 product. Real time visualization can be viewed in 2D or 3D and potential anomalies in the part will be highlighted.

‘Our engineering teams have truly accomplished a remarkable milestone in 3D metal printing by designing and building a high performance computer platform that processes sensor data and produces a near real time visualization for a quad laser printer.’, said Mark K. Ruport, President and CEO of Sigma. ‘We are very pleased to be working with an industry leader such as Additive Industries to accelerate the industrialization of 3D metal printing. The MetalFAB1 is a remarkable printer and it’s a privilege to have it certified as PrintRite3d Ready’.

‘The integration of the PrintRite3D Melt-Pool Monitoring solution in our MetalFAB1 is an important addition to our product portfolio. The PrintRide3D solution matches very well with our focus on quality and reproducibility, allowing our customers to benefit from reduced post-processing cost, and faster part qualification.’, said Mark Vaes, CEO and CTO of Additive Industries. ‘We are very pleased with the strong partnership with Sigma Labs, and our proud to be working with their industry leading PrintRite3D solution.

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More information

Pictures can be found on the [Press Page](#) of the website.

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About Additive Industries

Additive Industries is accelerating industrial additive manufacturing of high quality, functional, metal parts by offering a modular 3D printing system to high end and demanding industrial markets. With substantially improved reproducibility, productivity, and flexibility, Additive Industries redefines the business case for series production of additive manufacturing applications in aerospace, automotive, and high-tech equipment.

About Sigma Labs

Founded in 2010, Sigma Labs, Inc. (NASDAQ: SGLB) is a leading provider of In-Process Quality Assurance (IPQA[®]) systems to the commercial 3D metal printing industry under the PrintRite3D[®] brand. Available directly to manufacturers as a third party retrofit, or as an embedded solution to 3D metal printer manufacturers, PrintRite3D revolutionizes commercial additive manufacturing by enabling non-destructive quality assurance in mid-production. This allows errors to be corrected in real-time, reducing waste and increasing throughput. For more information, please visit www.sigmalabsinc.com.