

March 20, 2019



Sigma Labs to Showcase Newly Released PrintRite3D INSPECT® 4.1 Software for Additive Manufacturing at AMUG 2019 Conference in Chicago

Latest Version of Quality Monitoring Software Features 100 Micron Resolution and 200KHz Speed with Interlayer Real-Time Results Viewing

SANTA FE, N.M., March 20, 2019 (GLOBE NEWSWIRE) -- Sigma Labs, Inc. (NASDAQ: SGLB) (“Sigma Labs” or the “Company”), a provider of quality assurance software under the PrintRite3D® brand, will showcase its newly released PrintRite3D INSPECT® 4.1 software for additive manufacturing at the 2019 Additive Manufacturing Users Group (AMUG 2019) Conference in Chicago, Illinois on March 31-April 4. Sigma Labs will be exhibiting its technology in Booth #18.

John Rice, CEO of Sigma Labs, said, “The latest version of our INSPECT software further simplifies a daunting challenge facing all companies engaged in metal additive manufacturing: analyzing the structure of a 3D-printed metal part during the manufacturing process and adjusting the process in real time to further assure quality. We believe the improvements incorporated into INSPECT 4.1, which provide results comparable and complementary to CT testing, will make our platform even more appealing for stakeholders within the industry who are searching for a time-efficient and cost-efficient method of quality assurance. Our tech experts look forward to meeting with AM engineers, designers, influencers and users at the conference.”

PrintRite3D INSPECT® 4.1 features 100 Micron resolution and 200KHz speed with interlayer real-time results viewing. This is a new capability that allows for correlation between in-process quality results and post-process CT results. Comprising software for in-process inspection of metallurgical properties, PrintRite3D INSPECT® uses sensor data and establishes in-process quality metrics for each metal or alloy during the process. It provides manufacturing engineers with part quality reports based on rigorous statistical analysis of manufacturing process data and allows for interrogation of suspect part data that can be used for process improvement and optimization.

Sigma Labs’ methodology identifies the thermal signatures of printed metal material (the melt pool) while the part is being manufactured. This methodology maps any flaws in real time. Specific thermal signatures can also be used to optimize part design. The identification and mapping of thermal signatures using Sigma’s methodology and CT testing furthers the understanding of flaw detection, reduces risk in parts that are not CT-inspected, and together provide a more complete picture of discontinuities in the part and what conditions

during the manufacturing process lead to their formation.

About Sigma Labs

Sigma Labs, Inc. is a provider of quality assurance software under the PrintRite3D® brand and a developer of advanced, in-process, non-destructive quality assurance software for commercial firms worldwide seeking productive solutions for advanced manufacturing. For more information please visit us at www.sigmalabsinc.com.

Forward-Looking Statements

This press release contains “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended (which Sections were adopted as part of the Private Securities Litigation Reform Act of 1995). Statements preceded by, followed by or that otherwise include the words “believe,” “anticipate,” “estimate,” “expect,” “intend,” “plan,” “project,” “prospects,” “outlook,” and similar words or expressions, or future or conditional verbs such as “will,” “should,” “would,” “may,” and “could” are generally forward-looking in nature and not historical facts. These forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the Company’s actual results, performance or achievements to be materially different from any anticipated results, performance or achievements. The Company disclaims any intention to, and undertakes no obligation to, revise any forward-looking statements, whether as a result of new information, a future event, or otherwise. For additional risks and uncertainties that could impact the Company’s forward-looking statements, please see the Company’s Annual Report on Form 10-K (including but not limited to the discussion under “Risk Factors” therein) filed with the SEC on April 17, 2018 and which may be viewed at <http://www.sec.gov>.

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Source: Sigma Labs, Inc.