**Press Release, Hamburg, March 1, 2024**

amsight GmbH Launches Pilot Program for its Innovative Quality and Data Management Software for Additive Manufacturing

* **amsight GmbH implements its software with the first 6 partners.**
* **The software significantly reduces costs and effort for quality and data management in Additive Manufacturing.**
* **For the first time, the software enables simple and holistic optimization of the 3D printing process as well as the upstream and downstream processes.**
* **The partners of the pilot program are closely involved in the further development of the software.**

After months of intensive development work, amsight GmbH announces the implementation of its innovative quality and data management software in an exclusive pilot program. The software significantly reduces costs and effort for quality and data management, as well as for process optimization. What is unique about the new software is that it maps the entire Additive Manufacturing process chain, from powder handling and mixing to the finished component, in a digital twin. Based on this data, holistic process optimization is possible in a simple manner, which also considers the interaction between different process steps. In a joint case study with the company Kegelmann Technik and the Fraunhofer IAPT, the effectiveness of the approach was successfully demonstrated.

The software of amsight improves the Additive Manufacturing processes through three core functions: automated data management along the entire production chain, storage of relevant quality information in the full digital twin and comprehensive process optimization in terms of cost savings and quality improvement. This integration enables seamless documentation from powder handling to the finished component and ensures detailed analytical capabilities through accurate representations of the processes and products. Furthermore, it promotes efficiency gains by minimizing material waste while improving the products quality.

The software can be used in production for quality assured manufacturing as well as for process and material development. The participants in the pilot program are renowned names in the industry, including Kegelmann Technik GmbH and INPECA GmbH, as well as Fraunhofer IAPT, Fraunhofer IPA and Fraunhofer IPT, which used the software in various research projects to carry out analyzes for better process understanding.

Comments from Participants of the Pilot Program

"*The amsight software helps us to better understand our 3D printing processes, improve our component quality, and reduce our quality assurance costs*."

Markus Albrecht, Team Leader Additive Manufacturing at Kegelmann Technik GmbH.

"*In our projects, we generate a lot of valuable data, the potential of which we have not yet been able to fully exploit. By centrally storing and easily accessing all experimental data in the amsight software, we will change this. We will be able to deliver optimal research results to our project partners even faster in the future*."

Maximilian Kluge, Head of Department at Fraunhofer IAPT

Comments from the Founding Team

"*We will continuously improve our software with the goal of offering the leading solution in the field of quality and data management in industrial Additive Manufacturing. The start of the pilot program is an important milestone in this regard*."

Dr.-Ing. Tim Wischeropp, Co-Founder and CEO of amsight GmbH

"*With our software, we want to accelerate the further industrialization of 3D printing and provide our customers with an intuitive tool that helps them get the maximum out of their 3D printing processes in terms of quality, cost and speed*."

Peter Lindecke, Co-Founder and CCO of amsight GmbH

About amsight GmbH

amsight GmbH is a spin-off from Fraunhofer IAPT with the aim of developing the best software for data management and analysis as well as quality assurance in Additive Manufacturing. The four-person founding team has over 20 years of experience in industrial 3D printing and over 13 years of experience in professional software development.

Contact

Discover how amsight’s software can improve your Additive Manufacturing processes. Learn more about the benefits of the solution and how it helps to increase the quality of your Additive Manufacturing processes while reducing costs.

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A group of men posing for a photo

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Founding team (from left): Simon Schauß (CTO), Tim Wischeropp (CEO), Raoul Dittmann (CTO), Peter Lindecke (CCO).

A person sitting at a desk using a computer

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Co-Founder & CCO Peter Lindecke testing the prototype of the Software.