# Materialise Broadens Metal Offering and Launches Inspection Software

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- New quality control software in the market: Materialise Inspector
- Expanded software solutions for metal AM machine manufacturers: Materialise Magics Print Metal
- Increased efficiency for businesses using 3D Printing to realize innovative projects and research

PLYMOUTH, Michigan – May 4, 2017 – Materialise today announces its latest enhancements to the Materialise Magics 3D Print Suite, which serves as the software backbone of 3D Printing solutions. The newly enhanced Magics 3D Print Suite is the result of Materialise's more than 27 years of experience in the 3D printing industry. The company is constantly innovating to offer the latest in 3D printing technology. The full suite will be on display at the 2017 TCT + RAPID Conference in Pittsburgh May 8-11, 2017 in booth #1613.

An absolute novelty in the software portfolio, Materialise Inspector, is a control tool that allows users to analyze data during all stages of the production process in order to meet predetermined quality standards. Inspector optimizes image processing for efficiency in post-build analysis and is capable of processing more than 4,000 images in minutes – making big data analysis easier and more efficient. This is a big step forward for users to predict production errors and assure repeatable quality.

Materialise also now offers Magics Print Metal software, an easy-to-use 3D printing solution that will facilitate access to metal 3D printing. This software combines basic build preparation and straight-forward job file generation, streamlining the 3D printing process. Metal machine manufacturers can tailor the lay-out and bundle it to their machines. Customers that need advanced data preparation tools can still rely on the complete version of Materialise Magics software.

"Demand for 3D printed metal products and components is increasing across several industries, and manufacturers need the tools to adapt and meet this demand," said Bryan Crutchfield, Vice President and General Manager of Materialise North America. "Magics Print Metal extends our existing metal offerings. The Magics 3D Print suite represents the full digital thread, giving metal machine manufacturers the ability to develop, implement and manage each step of the 3D printing process. Now, with the new Inspector software, users can also efficiently analyze data during each step to ensure workflows and products will fit their needs as well as the needs of their customers and partners."

In addition, Materialise made the following enhancements to the Magics 3D Print Suite that will allow users to take full control over their additive manufacturing workflows.

- Materialise e-Stage 7.0, the latest version of this software for automated support generation for all resin-based printers will be released soon. It improves efficiency, both in build time and material consumption. An improved algorithm and new features were added to have a dedicated solution for all DLP printers.
- Materialise's Robot 5.1 software update offers a 3D Nesting module, optimizing part positioning to save time, money and materials within automated 3D printing workflows.
- Materialise's 3-matic 12 software update includes new ways to manipulate and optimize CAD designs for 3D Printing, and accepts a wider variety of FEA file formats to create improved lightweight structures and save users time and money.

"The components of the Materialise Magics 3D Print Suite work together to address each step in the 3D printing process and form the software backbone of 3D printing solutions for all businesses and industries, from design optimization and data preparation to production management and automation," said Crutchfield.

Materialise is also committed to embedding simulation technology into its 3D printing software, allowing users to simulate builds before production to avoid costly defects in designs, materials and processes. Simulation improves the quality of final products and decreases the number of defects, eliminating the need to rebuild. This is especially beneficial for users in highly-regulated industries such as aerospace and medical that require certifications for manufacturing processes.

Materialise's full range of 3D printing software solutions, are on display at booth #1613 at the 2017 RAPID + TCT Conference May 8 - 11, 2017. Additional information on Materialise software can be found at www.materialise.com/en/software.

About Materialise

Materialise incorporates more than 27 years of 3D printing experience into a range of software solutions and 3D printing services, which together form the backbone of 3D printing technologies. Materialise's open and flexible solutions enable players in a wide variety of industries, including healthcare, automotive, aerospace, art and design, and consumer goods, to build innovative 3D printing applications that aim to make the world a better and healthier place. Headquartered in Belgium, with branches worldwide, Materialise combines the largest group of software developers in the industry with one of the largest 3D printing facilities in the world. For additional information, please visit: www.materialise.com.

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Some of the statements in this press release are "forward-looking" and are made pursuant to the safe harbor provision of the Private Securities Litigation Reform Act of 1995. These forward-looking statements include statements relating to, among other things, our planned commercialization efforts and regulatory approvals of our technologies as well as the success thereof and our research and development projects. These forward-looking statements are based upon the expectations of management under current assumptions at the time of this press release. We caution you that forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties and other factors that are in some cases beyond our control that may cause our actual results to differ materially from our expectations. We are providing this information as of the date of this press release and do not undertake any obligation to update any forward-looking statements contained in this presentation as a result of new information, future events or otherwise, unless we have obligations under the federal securities laws to update and disclose material developments related to previously disclosed information.