Materialise Releases New Version of the Mimics Innovation Suite

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Leuven, Belgium – Materialise is proud to announce the launch of the latest Mimics Innovation Suite of Software and Services including Mimics[16] and 3-matic[8]. The Suite is an industry standard for processing and editing anatomical data from CT and MRI scans. Engineering on Anatomy™ has never been easier! This release focused heavily on adding new features and functionalities that increase efficiency and overall capabilities.

For over twenty years, Materialise has been leading the way in evidenced-based R&D with Mimics. We strive to remain on the cutting-edge through market-driven improvements with each release. Now 3D PDF files can be generated directly from the Mimics Innovation Suite allowing you to publish your 3D medical models in a universal file format for viewing, navigating and interacting. We also improved the traceability of the segmentation process by incorporating a log that's saved in your project file or as a separate document for training or recommending a workflow for similar cases.

In addition, new measurement tools have been added including the ability to quantify elliptical shapes to export for advanced analyses, multi planar re-slice for comparing common clinical measurements from specific anatomical planes, curve planar re-slice to easily quantify a narrowing in a tubular structure, as well as exciting enhancements to the centerline tools.

For cardiovascular professionals, whether you are designing stents, valves, CRM devices or benchtop models; beginning with image data is helpful and the Mimics Innovation Suite's new capabilities make it easier than ever before. With this release, you can save time and increase consistency with semi-automated coronary segmentation tools and the mask morphing technology for 4D segmentation. In addition you can improve visualization with a link between 3D view and fluoroscopy angles and perform TAVI/TAVR valve sizing and planning.

For orthopaedic and cranio-maxillofacial professionals, we are committed to driving the future of evidence based solutions by continuously improving our segmentation capabilities and developing design tools for your anatomy based workflow. With the new Smart Expand tool, segmenting bones and muscles from MRI data is even more efficient. You can also now design a patient-specific cage, generate 'production ready' custom plates, or create base plates for patient specific instruments.

We understand your desire to get to the market faster with the best products and we want to be the 'innovators you can count' on in this journey. For more information on the latest release, please visit the website (http://biomedical.materialise.com/mimics-innovation-suite-new-release-available-now) or email the Mimics Team (mailto:mimics@materialise.be?subject=Press%20Release%3A%20New%20Version%20of%20the%20Mimics%20Innovation%20Suite).

About Materialise
Materialise began in 1990 as a specialist in rapid prototyping (RP) and additive manufacturing (AM) and has grown into the market leader for 3D printing and Digital CAD software. Materialise has the largest capacity AM facility under one roof and is a major player in medical and dental image processing and surgery simulation software. Its medical and dental products are used worldwide by renowned hospitals, research institutes, medical device companies and clinicians.