



Materialise has a Huge Presence at RAPID

May 23, 2012

Wednesday, May 23, 2012

Materialise showcased their latest software innovations in two exhibit spaces at this year's RAPID show. The main booth offered demos and information on their latest releases of Magics, Mimics and 3-matic software solutions. The booth space was also decorated with numerous AM components that really highlighted their capabilities including a platform that demonstrated e-Stage's automatic support generation capabilities that included 3D nesting in stereolithography! The platform also showed the latest advancements in automatic texturing and labeling.

In addition, Materialise showed off the beautiful cardiovascular and orthopaedic medical models that are made possible using the Mimics Innovation Suite. Beginning with scan data, you can import data into Mimics, segment the anatomy, create a 3D Model, prepare the model using 3-matic for hollowing, texturing and other applications and then export the watertight STL file to any AM technology to achieve truly impressive anatomical models.

In addition, Materialise created an additional exhibit area to showcase their NEW Streamics, AM Automation and Control System. The system offers something for everyone whether your role is managing orders, quoting, preparing files, operating the machines, finishing parts, supervising the teams or several of these responsibilities combined. The robust database centralizes data, including linked CAD files, and provides you with a simple overview of 'won' and 'lost' quotes, real-time status of ongoing orders, who is working on the project, etc. The full integration with Magics brings huge advantages for producing the correct parts in the exact quantities needed. In addition, repetitive tasks can be handled 'in the background' without the need for user interaction, allowing you to focus on the files that require manual interventions.

Another exciting feature in Streamics is the build planning component. No matter how you receive files (emails, FTP, discs, etc.), they can easily be integrated into the planning system where you can view the machine availability and begin to set-up builds for the parts that require the same technology, materials and timing. Managers love the new system for the reporting capabilities which can be completely customized to your information needs.

This exciting enhancement to the world of additive manufacturing came alive as attendees went from station to station with a Materialise Process Engineer and saw the benefits for every member of their organization. The work stations included managing orders and quotes, preparing files, planning and operating the machines, finishing parts, and a managerial component showing the traceability and reporting capabilities.

But, no one will forget the 3D FABulous Fashion Show! There were over forty, 3D printed pieces created by famous designers such as Brussels' master milliner Elvis Pompilio, necklaces by Daniel Widrig and a collection of stunning pieces by Niccolò Casas that redefine how accessories can be worn. In addition, the 20 top designs from Materialise's 'Hat's Off to 3D Printing Challenge' and the RAPID design contest were shown. It truly put the HOT back in Hotlanta!

For more information, please contact:

Jamie Milas, Marketing Manager, Materialise USA

44650 Helm Court, Plymouth, MI 48170

Phone: 734-585-3397

About Materialise

With its headquarters in Leuven, Belgium, and branches worldwide, Materialise has been playing an active role in the field of additive manufacturing since 1990. In addition to having the largest capacity of additive manufacturing equipment in one location in the world, Materialise also enjoys a stellar reputation as a provider of innovative software solutions. They have used their experience and expertise to create a better and healthier world through their involvement in rapid industrial and medical prototyping, and by providing bio-medical and clinical solutions such as medical image processing and surgical simulations. The advantages of additive manufacturing have been used by Materialise to develop unique solutions that make a world of difference for its many customers with their prototyping, production, and medical needs. These customers range from large companies in the automotive, consumer electronics, and consumables sectors; to famous hospitals, research institutes, and clinicians; to individual consumers interested in bringing their own unique creations to life through i.materialise or who want to purchase a celebrated .MGX design. Its United States sales and technical support office was opened in 1996 in Ann Arbor, Michigan. There are currently over 45 employees in the U.S. in the new office in Plymouth, Michigan and the team will continue to grow through this expansion.