Materialise Launches MiniMagicsPRO

June 26, 2013
Wednesday, June 26, 2013

Belgian Additive Manufacturing (AM) pioneer Materialise is proud to announce the launch of MiniMagics^{PRO}, its latest software package for 3D Printing and AM production environments. With MiniMagics^{PRO}, Materialise takes a big step towards completing its software offerings for users of AM and 3D Printing: the original free version of MiniMagics can inspect STL files; the new MiniMagics^{PRO} can not only inspect files, but also create quotes and enable quality control and finishing teams to validate the dimensions of printed parts and generate reports; Magics takes functionality to still a higher level, and is an expert solution for data preparation.

Leuven, Belgium – Checking STL files, validating and measuring parts, and creating reports are all things that need to be done several times throughout the AM production cycle; by the designer, their team, and the AM service bureau or department that is producing the part. Each of these stages requires a different level of functionality. As Tim Van den Bogaert, Materialise Product Manager, explains:

"MiniMagics^{PRO} is a tool in which STL files can be inspected (as with the free MiniMagics) with the additional option that reports (MS Word, MS Excel) can be generated. This is useful for making a first analysis of a part, a quote for a customer or an inspection report. Also, if people are using a floating license of our CAD-import system, all of these imports will be available in the MiniMagics^{PRO} tool meaning that they do not have to pass through Magics or their customers to convert their files."

MiniMagics^{PRO} not only allows users to make measurements on screen (and includes an extended portfolio of measurements), but also to enter (manually or through an electronic caliper) the real measured dimensions after the part has been built. The measured dimensions are then compared with the dimensions on the STL and tolerances are given to show the user whether or not this part falls within specification or not, and whether a remake needs to be made. Also from this data, a report can be generated.

"We believe there are different needs when looking at a service bureau environment. You have the customers of the service bureau who need a tool to view STL files and to communicate with their service provider. Hence Materialise provides the free MiniMagics. The download rate of this product has already proven the need for this software. Then the data enters the shop floor and some form of a quote or part analysis needs to be generated. With Streamics, Materialise offers advanced solutions for this, but we believe there is also a place for something more affordable and simpler. A tool in which you can inspect a file and make a report with its basic parameters. When the file has been printed, a simple and low cost software should enable the measurement department to check whether the printed part is within tolerances and generate a report of this. We aimed to cover both of these needs with the MiniMagics^{PRO} software." (Tim Van den Bogaert, Materialise Product Manager)

To learn more about MiniMagics^{PRO}, visit our MiniMagics^{PRO} page

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 one of the world's largest capacities of Additive Manufacturing equipment, Materialise also enjoys a stellar reputation as a provider of innovative software solutions. 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.