

## Total C S Team, Inc. RPTempering™ News

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Total Customer Support Team (TCST) and Manufacturing By Design, Inc. (MBD) partner with Materialise to provide customers with a custom version of Materialise's *3Matic* product specifically designed to meet the needs of RP Tempering™

Friday, March 31, 2006 Stevenson Ranch, California



Total Customer Support Team

More  
about  
3Matic...



**Total C S Team, Inc. and Materialise have entered into an agreement to work together to produce a simplified version of the *3Matic* product, specifically designed to support the RP Tempering™ process developed by Manufacturing By Design (now PAR3 Technology).**

The RP Tempering technology invented by MBD significantly improves the material properties of the parts built with Rapid Prototyping technologies also known as Solid Freeform Fabrication. The RP Tempering process requires some geometry changes in a part's 3D drawing file to add durability, impact strength and other characteristics without changing any of the part external dimensions or look. Since many of the parts requiring this work are in STL file format, it is an excellent application for Materialise's Digital CAD product, *3Matic*. "There is no need to switch back and forth between CAD files now that 3Matic is available to allow CAD functions to be performed directly on the STL file", comments Andrew Graves, TCST's VP of Technology. "This product works perfectly to provide the modifications needed for the RP Tempering process and it will continue to get better as the team simplifies the product and develops higher level commands to allow the users greater capability with much less effort."

"One of the major limitations at the start of this product introduction was getting the right tools in place for the users to be able to make the changes in the geometry of

their part files quickly and easily. I am very pleased with the support of the TCST/Materialise Team and feel that *3Matic* provides an excellent solution to this issue now and will only get better over the next 6 months,” stated Earl Dunlap, President and CEO of MBD. “TCST and Materialise have many years of experience working with multiple products and technologies in the Rapid Prototyping/ Solid Freeform Fabrication market place and I am very pleased to working with them.”

TCST and MBD are currently working on other product enablers that will provide the users continued improvement and flexibility in applying this process in their own environment. We will be communicating further announcements in the future to keep you informed in this area.

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**For more information on the 3Matic product or a free demonstration [Contact TCST](#)**

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#### ***About Total C S Team, Inc.***

TCST is a leader in providing support to Rapid Prototyping Users. TCST has the unique capability to integrate many years of practical application of RP systems with advanced analytical approaches to provide support to the users that will gives them a competitive advantage now and in the future. Through the use of 6 Sigma methodologies, TCST has been able to develop process controls to proactively monitor processes providing its customers with cost savings derived by improved efficiency and part quality. This same methodology has allowed us to work with our partners to develop the best solutions for RP system upgrades and reliability improvements. [Contact Us](#)

#### ***About Materialise***

Materialise started out in 1990 as a Rapid Prototyping Service Bureau and has since grown to become one of the leaders in software development for Rapid Prototyping and Manufacturing processes. Materialise software equips customers to accomplish their most challenging tasks with ease. The software can be summed up this way: integrated solutions whose key element is design automation, and whose goal is to offer a competitive advantage by driving efficiency and cutting costs.

Materialise is a trusted partner worldwide for the leading companies of the automotive, aerospace and consumer electronics industries. The company has development, sales and training offices all over the world. Its software development team is the largest in the sector. For more information visit the company's website at [www.materialise.com](http://www.materialise.com)

#### ***About PAR3 Technology***

Manufacturing by Design, Inc and Par3 Technology, LLC have merged. Par3 Technology, Inc. will be the controlling entity for the RP Tempering™ Technologies and future research. PAR3's sole focus is to enhance the Rapid Product Development service industry. Specializing in intellectual properties and technologies spanning from “Rapid Ideation”™ cost reduction system to RP Tempering™ solid freeform fabrication prototyping technology. Visit the company's website: [www.RPTempering.com](http://www.RPTempering.com)

# RP TEMPERING™

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TECHNOLOGY

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