

INNOVATIVE MACHINING SOFTWARE REACHES WIDER MANUFACTURING MARKET

May 11th 2016

A world leading metrology company and specialist CAD/CAM solutions provider have announced a collaboration that will bring innovative machining software to a wider manufacturing market.

Canadian company Avantage Mécanique Inc., a major player in technology integration for CNC machine tools, have partnered with UK based metrology software products ltd (MSP), an associate of global engineering company Renishaw, to offer 'NC-PerfectPart Process Customizer' and related CAM training. This is now among the many products and services Avantage Mécanique can offer manufacturing companies in order to improve machining quality and increase CNC Machines productivity.

MSP's award-winning software product NC-PerfectPart eliminates wasted production time, concessions and lost-revenue from high scrap rates, saving companies such as BAE systems millions of pounds. Pre-machining checks identify errors within machine geometry before a part is made to be out of tolerance, and automatic set-up ensures even complicated composite parts are always correctly aligned.

"NC-PerfectPart is the perfect example of innovative technology that North American manufacturing companies, of any size, need to integrate in their production processes to be more efficient and stay competitive. Our goal is to provide intuitive, easy to use software tools to those companies, so their employees can drive the full potential of NC-PerfectPart solution": said Vincent Thomasset, Director of Innovation and Business Development at Avantage Mécanique.



Vincent Thomasset, Director of Innovation and Business Development at Avantage Mécanique with Peter Hammond, Technical Director at MSP during the MACH 2016 show in Birmingham.

Continued >>

May 11th 2016

Avantage Mécanique established a relationship with MSP several years ago working on some significant projects together for major aerospace companies as well as small additive manufacturing shops. The continuing relationship between the two companies, led to the NC-PerfectPart Process Customizer, an interface fully integrated in CATIA V5® manufacturing workbenches.

With the Process Customizer, the programming is uniform, simple to use and its ability to gather related concepts under interface constructs makes formerly hidden functionality freely available. This simplifies the integration of NC-PerfectPart and reduces the need for operator training making it more accessible to companies of a smaller scale. A complete training guide for NC programmers was also created to increase knowledge on probing concepts and probe path generation strategies, so users would fully benefit from NC-PerfectPart features.

“MSP are delighted to be officially partnering with Avantage Mécanique after years of working together successfully to provide solutions for notable manufacturers. The development of the NC-PerfectPart Process Customizer brings together MSP’s metrology expertise with skilled CAM knowledge, enabling us to offer our leading software to a wider market”: said Peter Hammond, Technical Director at metrology software products ltd.

Future aims of the partnership between MSP and Avantage Mécanique will see continuous work towards integrating the NC-PerfectPart Process Customizer into additional CAM software programmes to enable other users to fully benefit from both of the innovative products.

For more information about NC-PerfectPart Process Customizer and CAM training go to www.AvantageMecanique.com or contact:

Vincent Thomasset
Director of Innovation and Business Development
v.thomasset@avantagemecanique.com
1.514.998.5939
