Origin

Making Sense of Measurement

August 2016

Hi Janet,

Model Based Definition - What you need to know

Webinar: So you want to measure 1,000 circles?

Event: Dream Cruise

Event: IMTS Show

Origin's Bob Stone Co-authors GPU Accelerated CAD Paper

Tech Tip: Trim Checks

Quality Information FrameWork Standard (QIF)

Did You Know?

Updated CheckMate Training Manual

Stay Current

What our Customers Have to Say!

Model Based Definition (MBD)- What you need to know

[Embrace the Model Based Enterprise with Origin's CheckMate for SOLIDWORKS](#)
by David Schlitt, Origin International Inc.
The evolution of the MBE has gone beyond the concept stage and is being implemented by many companies in the aerospace and automotive industries as well as others. Advantages [read more](#).

[Re-Use Your CAD](#)
by Jennifer Herron, Action Engineering
There is certainly a lot of buzz lately surrounding the topic of the Digital Thread and the Model Base Enterprise (MBE).   Those who attended the National Institute of Standards & Technology, MBE Summit 2016 came away with a better understanding of the impact these topics are having on ind.

[Proven MBD Value Metrics](#) :
by Gian Paolo Bassi, SOLIDWORKS
The ultimate goal of MBD is to eliminate the costly and often error-prone drawing-based documentation still used to communicate design intent and manufacturing details. In retrospect, it is amazing that after almost 40 years since the introduction of Computer Aided Design we still rely on paper drawings to get things done. [Read More from SOLIDWORKS](#)

[Top SW MBD Tips n Tricks Hole Callouts](#) :
by Oboe Wu, SOLIDWORKS
For mechanical engineers and designers, holes are one of the most frequently used features in engineering design. They are often used to mount with other components or to support shafts. In model-based definition (MBD) implementations, I am often asked how to dimension and tolerance internal or external diameters in 3D in a way that is similar to 2D drawings...[Read More from SOLIDWORKS](#)

[Setting up for MBD](#)
by Oboe Wu, SOLIDWORKS
Oboe discusses setting up for MBD so that you can make the best use of it. Included is installation, licensing (floating), command ribbon bar, shortcut toolbar etc. You definitely want to give this a read through as he has good visuals to explore. [Read more](#)...

Webinar: Thursday Aug 25th, 2016

So you want to measure 1,000 circles?
11:00 am | Eastern Standard Time (New York, GMT-05:00) | 1 hr

Register

Dream Cruise 2016

Visit Origin at DASI's 4th Annual Dream Cruise Open House August 18th

IMTS Show

Visit Origin at the IMTS Show

September 12 - 17, 2016 | McCormick Place | Chicago, IL - details coming soon

Origin's Bob Stone co-authored a paper presented by Venu Kurella and Dr. Allan Spence of McMaster University on "GPU Accelerated CAD to Inspection Data Deviation Colormap Generation" (*Computer Aided Design and Applications,* 2016) Wed. June 29th at 10:30am-Room B211.

CAD'16, June 27-29, 2016, Vancouver, BC, Canada

Tech Tip #43 : Trim Checks

Tech Tip #44 : Deleting CheckMate Segments

Tech Tip #45 : Programming Auto-Points Flow

Tech Tip #46 : Programming Auto Points - Boundary/Edge

Tech Tip #47 : Programming Auto Points - Mid

For a list of CheckMate Shortkeys click here

Quality Information Framework Standard

In 2014, The American National Standards Institute (ANSI) approved the new Quality Information Framework (QIF) Standard and is defined as follows:

The "Founding Principle" of the QIF is simply this: All information models for transporting quality data should be derived from common model libraries so that common information modeling components can be reused throughout the entire quality measurement process and, as a result, the entire process will be inherently interoperable. In early 2016, QIF version 2.1 was approved. Visit www.qifstandards.org

Learn more about the progress CheckMate has made and the siginificant support by Origin. Read about how it works with the new QIF standard.

International Manufacturing Technology Show | September 12-17, 2016

http://www.dmsc-inc.org/

 We look forward seeing you and discussiong this at the show in September.

When supplying the Renishaw Equator with program files, it requires the DMIS program and a CAL. Regardless whether the DMIS program is in Imperial or Metric units, the CAL file is used at the I++ level, and this communication level is always in metric (mm).

CheckMate Updated Training Manual Link

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Stay Current

CheckMate for SOLIDWORKS ... stay tuned for a new release mid-August

What Our Customers Have to Say

Just so you know…YOU'RE THE BEST!!! In all my years in this industry (like 30+) , I've NEVER had or heard of this level of response and support with software!! And I've been around. *John C. Morin III/G.P.R. Co.*

Origin International Inc. is focused on providing software solutions and consulting services to world class manufacturers, their suppliers and industry leading metrology solutions providers.

Manufacturers that choose Origin software solutions are industry leaders in innovation, quality and cost effectiveness within the Automotive, Aerospace, Transportation and Consumer Products industries.

If you would like more information, don't hesitate to contact us at 1-800-269-2509.

Sincerely,

The Origin Team

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