Origin
International Inc.

.....Making Sense of Measurement

Have you ever wondered what the costs of a typical component launch are?
Click Here

Click Here
to see if you qualify for a shadow project helping you to reduce hard tooling iterations.

Quick Links

Request a Demo

ISSUE: LATE FALL   NOVEMBER 2012

Dear Janet,

A confession: "All change is bad"

Those were the words of a major business leader whose business was caught in a rapidly changing world for which there did not appear to be a simple way to adapt. My confession is that this is the way I feel about 'Passwords and Pin Numbers'. Why can't someone come up with a way that one size fits all and never needs changing. I know what you are saying and that is "just write it down somewhere". That's fine for you to say but sometimes that place is not readily at hand and even if I can find it, it often doesn't want to work.

That is because when passwords or pin numbers weren't working the system made me change it to something logical which I was sure I could remember which unfortunately sometimes I can't. My favorite dog, my grandmother's middle name or whatever for me is no longer is an instant recall. I can't wait for the day where my Blackberry will take a picture of my eyeball or thumb and that will open anything I need to work with including my bank account.
I suspect Origin is working on this very problem and will one of these days announce they have a breakthrough. Origin is first with so many things, why not this one.
PS: Don't tell my boss.

Standards for the Metrology Market

The Benefit

When working with companies from a broad cross section of industries, a scenario we at Origin are continually confronted with is, the lack of interoperability between equipment and

software from differing vendors. From planning the inspection process, to setting the expectations of suppliers and customers, developing downstream processes and determining part acceptance or the root cause of non conforming parts, the use of dimensional data is rapidly expanding. The time and effort these companies invest in recreating data as opposed to reusing it directly affects the bottom line negatively and results in higher costs to their customers.

QIF
Quality Information Framework

Fortunately for industry, there are emerging standards that could unlock the door and provide a level of interoperability that resolves this problem. One such standard is the Quality Information Framework (QIF), developed within the Dimensional Metrology Standards Consortium (DMSC)

Ultimately, the success of this standard lies with the end users and consumers of dimensional metrology equipment (DME). When industry demands the adherence to standards, in general the vendors have a tendency to respond and satisfy their customers.

For more information on QIF please visit their web site www.qifstandards.org/

TIMES ARE CHANGING…

As I read an interesting article on the use of optical scanners and also on gauges including *flexible gauges*, it indicates to me why our focus at Origin is aligned quite well with how the industries we serve are moving. I think the first paragraph might tweak your interest to read the whole article. Metrology software and hardware improvements are where it is at. This article confirms that Origin's software is well positioned for the future.

Origin's *CheckMate* and *LaunchRite* have the software experience of over 20 years serving the manufacturing industry. Not only do they provide the reports and analytical tools to remove trial and error in the process but they get you to the finish line (buy off acceptance) first.

⊕ CheckMate ✓

NEW PARTNERSHIP ANNOUNCEMENT

METRONIC
S Y S T E M S   L L C

ORIGIN AND METRONIC SYSTEMS LLC

Origin announces a new partnership with Metronic Systems LLC. Metronic are in the Multi-Sensor Metrology business, (**Scanners**), www.metronsys.com - I highly recommend you watch their scanning video. Both companies are dedicated to providing industry with products that advance the state of their art. The Metronic *scanner* is an industry leader in multi-sensor metrology technology both in inspection and on the shop floor. Origin becomes a perfect partner with its comprehensive CheckMate suite of software capable of using data from any measurement device, analyzing and presenting it in 3D format that allows the engineer to **produce 'buy off' quality parts** automatically including the required completed forms.

With seamless integration of CMM data and enhanced analysis capabilities, the Metronic G2 *scanner* is able to **provide true multi-sensor measurement of virtually any part** or shape. No matter what type of surface. No matter how complex. And it can do it faster, more precisely, and with greater flexibility and ease of use than any other system. Metronic's proprietary laser technology delivers unmatched measurement accuracy -- enabling manufacturers to quickly profile and produce 3D images. Parts can be composed of metal, ceramic, composite or virtually any material with a surface finish from dull matt to highly reflective. Combined with part data from a CMM, Metronic's G2 becomes a fully-integrated 3D measurement and analysis system that streamlines the qualityverification.

Below are a few of Metronic Systems Scanner customers. Boeing, Cessna, Applied Engineering, Philips Sonicare, Hexcel Corp, McCauley Propeller Systems, World largest Orthopedic Implant Manufacturer.

CHECKMATE AFTER CLASS

Origin International provides webinars for CheckMate customers with an annual support plan. These webinars cover applications, procedures, advance commands that time does not allow in a standard training class.

These Webinar sessions are online training sessions that you can either: 1) register to view live or 2) download and view at your convenience.

If you missed the after class webinar Click Here to Download to view at your own convenience.

UPCOMING WEBINARS:

Programming Segments from Zeiss Calypso Geoactual Scan Data

This webinar will review the new procedures for importing Zeiss Calypso Geoactual scan data into CheckMate, and developing CheckMate program segments from them.

Date: Thurs. Dec. 13th @ 11am to Noon - Click Here

Register for the meeting.

Once the host approves your request, you will receive a confirmation email with instructions for joining the meeting.

Note: If you already registered for this meeting, you do not need to register again.
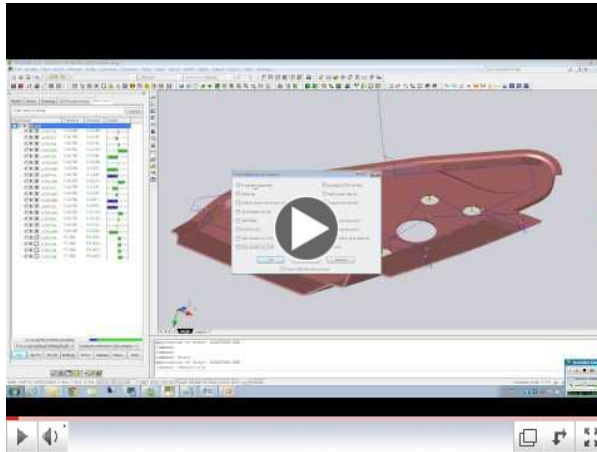
To view in other time zones or languages, please click here

Did you Know…

Cecil..Our CheckMate tipster says…

Reviewing two new commands for exporting/importing components of the CheckMate database.

ORIGIN_INT-CheckMate_TechTip 110212

OTHER TECH TIP'S YOU MAY BE INTERESTED IN

1. Reviewing a couple of switches that when enabled, allow for easy updating of labels during editing measurements. Click Here
2. Creating "ordered" trim measurement around the edge of a part from pre-defined CAD points that the customer gave us. Click Here
3. A brief Tutorial on creating Road Map Labels in Layout Mode. Click Here
4. Just installed CheckMate 12.1 into Windows 7 and the tabs don't appear on the Edit Feature Screen. Click Here
5. How to create a surface measurement in the center of a hole where no surface exists. Click Here
6. Condensing a Segment Click Here
7. Learn about Cutting CAD Sections Click Here.
8. Learn how to create a constructed plane from offset surface measurements Click Here

Reseller/Distributor Opportunity

Manufacturing process & inspection software/hardware

Attention resellers: In order to better serve industry needs, Origin is looking to expand it's software Reseller/Distributor organizations serving the automotive, aerospace and other metal and precision plastic industries in North America and Globally. Suggestions of organizations our customers may be familiar with are welcome. Reply to janet.wiaderny@originintl.com

THE CHECKMATE CHALLENGE

Tell Us Your Story

You could win a prize! We are increasingly seeing dimensional metrology data, made more available and being generated more often on the shop floor in more innovative methods, partly due to the implementation of new technologies.

This is leaving us here, at Origin, musing over the idea of seeing CheckMate reports being downloaded to tablets on the shop floor, upload or incorporate additional data such as "key-in" information from hand checks or data from other operations, and for review in corporate offices and meeting rooms.

If there is a CheckMate user out there who has implemented, or does so in the near future, such a process and willing to share their story with us, they could be the winner of a new ipad or tablet equivalent.

Please contact us at info@originintl.com with your story and for more details on how to qualify.

CHECKMATE 12.1

 CheckMate - 12.1-Phase II 251 Update

For customers who log in to our BBS. We have a new folder called CheckMate 12.1 for this new release and other information related to it. ie. updates, how to unblock the help file etc.

Hardware Requirements for CheckMate:

- 32 bit/64 bit capability - able to run Windows XP-32Bit, Vista or Windows 7

- Minimum 4 gigabytes of RAM

- Ability to do Windows XP hardware simulation

- Multiple Cores - Scanning software uses multiple cores to increase the performance

UPGRADING TO WINDOWS 7

Take Note of the Following:

- The new CheckMate release 12.1 supports both 32 bit and 64 bit.

- We recommend Windows 7 - 64 bit.

- You must have "Administrator" rights

- Change your "Shortcuts" to run as administrator

Click Here for the application note with more details

(*requires a login to our BBS*)

OUR CONTACT INFORMATION

Our Website address has changed to:

www.originintl.com

Our email addresses have changed to:

sales@originintl.com
support@originintl.com

Our Address is:
72 Baynards Lane, Richmond Hill, Ontario, Canada L4C 9B8

Please update your records. Thank you.

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,

Janet Wiaderny
Origin International Inc.
sales@originintl.com
support@originintl.com
info@originintl.com

Forward email