

X-Ray CT for Injection Molding Parts

Thorough Inspection and Measurement for First Article Approval!

Date **Thursday, 21 April 2022**

Time 2:30PM – 4:00PM (GMT+8 – SG / MY / PH Time)
1:30PM – 3:00PM (GMT+7 – JKT / TH time)

Venue Via **ZOOM**

Speakers *KC Lye, Senior Sales Manager, SEA / ANZ*
Waygate Technologies, a Baker Hughes business

Christy Joseph Konkara, Regional Sales Manager – Rest of Asia
Volume Graphics

Tiang Haw Jiun, Applications & Measurement Manager
Cairnhill Metrology Sdn Bhd

Topics

- X-Ray CT Scanning on a plastic part
- High speed CT Reconstruction within seconds
- VGStudio MAX demo on a plastic part
 - Coordinate Measurement
 - Nominal/Actual Comparison
 - Wall Thickness Analysis
 - Visualization for possible cracks
 - Possible applications combining the above analyses for various injection molding stages to bring a part from drawing to mass production

Recommended Attendees Injection Molding Manufacturers, others interested to know more about the Waygate Technologies & Volume Graphics technologies, etc.

Program includes Digital handouts (To be emailed post event.)

* Registration will end by 18 April 2022. Please fill in your details [here](#).

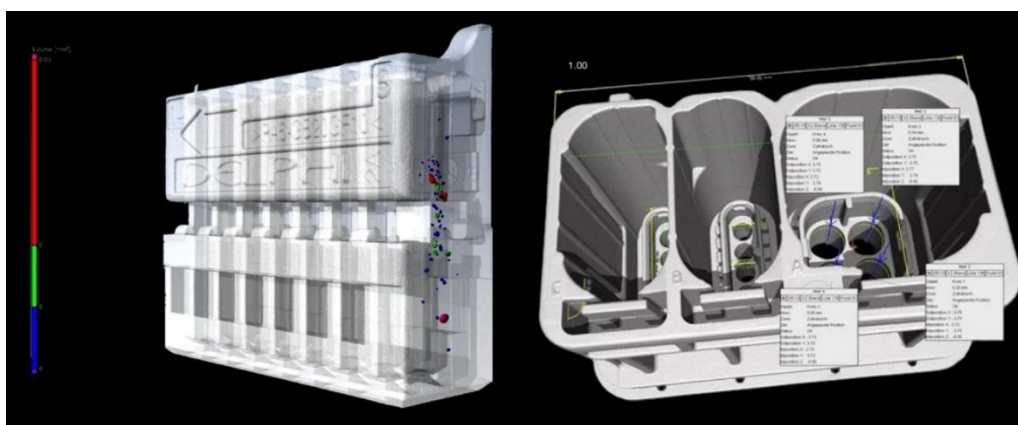
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Waygate Technologies offers a range of 2D X-Ray inspection and 3D Computed Tomography (CT) solutions for many inspection applications, from precision nanoCT and metrology tasks in the lab to high throughput inline CT inspections on the production floor. Precisely inspect raw materials, prototypes, light metal castings, batteries, electronics, **plastic injection moldings**, additive manufactured parts, and final assemblies with ease and precision never before possible.

Cairnhill Metrology welcomes you to join us as we invite **KC Lye** from Waygate Technologies, a Baker Hughes business, and **Christy Joseph Konkara** from Volume Graphics to share how their CT technologies can bring a part from drawing to mass production, saving hundreds of hours during the overall plastic injection process!

Our demo systems are also available for separate live demonstration sessions at our **Metrology Applications Centres** in Singapore, Malaysia, Indonesia, Philippines and Thailand.



About our Speakers



KC Lye has been responsible for SEA Radiography Systems Sales for *Waygate Technologies* and previously, GE Inspection Technologies, for the last 10 years.



Christy Joseph is responsible for Sales and Business Development of *Volume Graphics* Software in the KAI (Korea, ASEAN/ANZ/India) Region. Volume Graphics, a part of Hexagon, is the Technology and Market Leader in the Analysis and Visualization of Industrial Computed Tomography (CT Data). He has been working with Major OEMs and Suppliers in the A&D, Automotive and Hi Tech and Electronics Industry in Asia Pacific for the past 20+ years.



With degrees in both Industrial Engineering and Aerospace Engineering, **Tiang Haw Jiun** brings along 14 years of experience with R&D roles in the Aerospace industry. Currently in charge of the Application Department in Malaysia for *Cairnhill Metrology*, he is also the Team Head for the X-Ray CT division, providing expertise for Waygate Technologies and Volume Graphics solutions within the company.