

December 6, 2002

eTeraView

The e-newsletter of Teradyne's Assembly Test Division

Because Technology Never Stops.

NEWS AND ANNOUNCEMENTS

Teradyne and Tecnomatix Expand Alliance – Tecnomatix Acquires Teradyne's CIMBridge™ CAD/CAM Optimization Software Product Line

The CIMBridge acquisition expands the current alliance between Teradyne and Technomatix, which began in 1994. A transition plan will be implemented that will enable Technomatix Unicam to assume full responsibility for CIMBridge's support channels. For more information about this acquisition, click here:

http://www.teradyne.com/prods/cbt/news/newsdesk/68news_pr_021017.html

Teradyne Advances Collaborative Manufacturing with SCE™ 3.0 – Comprehensive Process Visibility Accelerates product Introductions and Reduces Costs

Teradyne SCE 3.0 breaks down the barriers between suppliers, manufacturers, and customers, providing greater manufacturing control through process visibility and product traceability. The new version of Teradyne SCE features a significantly enhanced capability to link global OEMs and EMS providers, to accelerate new products to market, and to reduce manufacturing costs. To read more about the features of the upgrade, click here:

http://www.teradyne.com/prods/cbt/news/newsdesk/69news_pr_021202.html

PRODUCT INFORMATION

"Test & Inspection Technology Summary" Brochure

Teradyne's Assembly Test Division serves customers in the electronics industry with comprehensive capabilities in test and inspection. Our unique breadth of products and services enable you to accelerate your product to market, measure variables across your entire production environment, and control your entire assembly process. Click here to read more about our solutions and product capabilities:

http://www.teradyne.com/prods/cbt/products/library/general/br_technology.pdf

RECENT TECHNICAL PAPERS, ARTICLES, & PUBLICATIONS

Circuit Board Test & Inspection Web Site - * New Feature *** - Learn About Our Products**

To make it more convenient for you to access magazine articles, technical papers, white papers, and case studies which are stored on our website, we have set up individual headings for each category. You can now go directly to a complete listing of documents under each category to review and select those that are of interest to you. Go to the "Check It Out" Section of our website by clicking here:

<http://www.teradyne.com/prods/cbt/cbthome.html>

“Designing Test Strategies for Modern PCB Assembly” (Recording of Teradyne Webinar from November 20, 2002) by Amit Verma, Product Marketing Engineer

Demands for improved technology, coupled with the ever-shorter time-to-market requirements, make your choices for a product test strategy harder than ever. Teradyne, a leader in helping manufacturers define test strategies for over 40 years, invites you to listen to a recording of a Webinar on the above topic. The following link will direct you to the recorded Webinar, Overheads, and Script as well as instructions on how to download the Webex Player required to view the online seminar:

http://www.teradyne.com/prods/cbt/products/library/general_lib.html

“Continuous Improvement Strategies for Automated X-Ray Inspection” by Amit Verma (NIKKEI ELECTRONICS ASIA, September 2002)

Automated X-Ray Inspection (AXI), as a complement to electrical test procedures, is gaining growing acceptance among OEMs and EMS businesses as modern high-density assemblies impede test fixture development and visual inspection. Click here to access this article, which highlights suitable performance targets for the key AXI performance metrics and explains how users can meet these through continuous monitoring and improvement:

http://www.teradyne.com/prods/cbt/products/library/xray/axi_nikkei.pdf

“An End in Sight: Eliminating False Flags in Automated Optical Inspection” by Michael D. Early (TEST KOMPENDIUM 2003)

Although false flags have long been the bane of anyone using automated optical inspection (AOI), false flags will soon be disappearing. To find out why, click here for the German version (“AOI-Pseudofehler vermeiden”) of this article as published in *TEST KOMPENDIUM 2003* (annual publication focused on electronic design and manufacturing):

http://www.teradyne.com/prods/cbt/products/library/aoi/aoi_pseudofehler_testkomp03.pdf

Click here for English version of the above article:

http://www.teradyne.com/prods/cbt/products/library/aoi/aoi_pseudofehler_testkomp03_english.pdf

“PXISA Updates – Winter 2002 – A Message from the New President of the PXI Systems Alliance” by Bob Stasonis (PXI Technology Review/Winter 2002)

Bob is a Product Manager for Teradyne’s Assembly Test Division. Recently he was elected to the presidency of the PXI Systems Alliance (PXISA). As he begins his term as president, Bob shares his thoughts about PXI today and the involvement of the PXI Systems Alliance in PXI’s future. Click here to access the article:

<http://www.pxionline.com/news/message.html>

UPCOMING EVENTS

ARC Webinar, Accelerating New Product Introduction with Collaborative Manufacturing - December 10, 2002 – 2:00 PM EST

Learn first hand how Sun and Teradyne helped Mack Technologies improve time-to-market with proven, integratable, easy-to-deploy iForce Solutions. Please join our experts as they explore collaborative manufacturing issues relevant to product introduction. For complete details about the Webinar or to register, click here:

http://www.teradyne.com/prods/sce/newsevents/newsevents_events.html

Teradyne Users' Group (TUG) – May 2003

Attend engineering updates, roundtables, poster sessions, tutorials, panels, and formal paper sessions describing problems, solutions, insights, and application tips, presented by other users and Teradyne engineers. If you are not already a TUG member, join now to regularly receive TUG mailings. Click here for membership information:

<http://www.teradyne.com/prods/tug/tugmembership.html>

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<http://www.teradyne.com/prods/cbt/cbthome.html>

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Access *Newsletters* at:

http://www.teradyne.com/prods/cbt/news/news_pubs.html

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