

September 15, 2003

NEWS AND ANNOUNCEMENTS

Teradyne Joins General Services Administration (GSA) Program to Streamline Procurement by Department of Defense (DOD) Customers

Teradyne's Assembly Test Division was awarded a five-year contract with the U.S. Government's General Services Administration on June 19. Teradyne obtained the GSA contract in order to reduce the time, complexity, and costs associated with procuring Teradyne test products by our customers in the DoD. For more information about this contract, go to:

http://www.teradyne.com/prods/cbt/news/newsdesk/78news_pr_18082003.html

UPCOMING EVENTS

AUTOTESTCON 2003, Anaheim, California, September 23-25, 2003

Join us at Booth #203 where Teradyne will feature a configuration of the Spectrum™ 9000-Series platform that was recently selected by the USAF's Minuteman ICBM program as the new Ground Minuteman Automatic Test System (GMATS). We will also demonstrate the new Bi420™ Bus Test Instrument, the first VXI-based 1394B firewire emulation and test instrument. Additional instruments on display include the M9-Series™ Digital Test Instrument and the Ai7-Series™ Analog Test Instrument, as well as the latest TestStudio™ test software. Visit the AUTOTESTCON Web Site to register and to obtain more details about the event:

<http://www.autotestcon.com/2003/2003.htm>

INTERNATIONAL TEST CONFERENCE (ITC) 2003, Charlotte, North Carolina, September 30 – October 2, 2003

Sponsored by the IEEE, ITC is the premier test conference. Teradyne representatives will be presenting papers on various topics and participating in several panel discussions. Teradyne is also a sponsor of the second annual Board Test Workshop (BTW), held October 2-3 in conjunction with ITC. For more information about ITC and for a complete listing of papers being presented by Teradyne, use the following link:

http://www.teradyne.com/prods/cbt/news/tradeshows/itc_2003.html

For information about the Board Test Workshop, go to: <http://www.molesystems.com/BTW03>

PRODUCT UPDATES

TPS Converter Studio™ Software – Test Program Rehost Solution for L-Series™ to Spectrum™ and M9-Series™ Migration

TPS Converter Studio is Teradyne's test-program conversion product for process-oriented conversion of L-Series language to M9-Series digital and Spectrum 9100 tests and diagnostics. TPS Converter Studio 2.0 brings process and best-in-class tools together in a highly integrated environment to reduce the time and take the guesswork out of legacy L-Series based TPS migration. To learn more about the features and benefits of this software, go to:

http://www.teradyne.com/prods/cbt/products/test-soft/tpsconverter/tps_ov.html

Bi-420 1394B BUS TEST INSTRUMENT – 4 Modules – Bi4-Series™ Multiple Module Serial Bus Test Instrument – Data Sheet

Teradyne's Bi4-Series Bus Test Instrument (BTI) subsystem is the industry's first instrument designed specifically to address the unique requirements for real-time bus test and emulation for IEEE 1394B. The BTI is also the first instrument with complete support for the JSF 1394B interface requirements. To access the data sheet containing complete technical information on this instrument, use the following link:

http://www.teradyne.com/prods/cbt/products/library/bi4/bt_bi4.pdf

New Documentation Releases on Customer Support Website

The following new product documentation releases have been recently posted to the Customer Zone of the Assembly Test Division's Support website: Bi4-Series™ Version 1.2 (contains the supporting documentation in compiled HTML format for the Bi4 Version 1.2 software release), LASAR™ 6.60 Update 1 (contains updated versions of all LASAR documentation manuals in PDF format), Spectrum 9100-Series™ Version 5.0 (contains the supporting documentation in compiled HTML format for the Spectrum 9000 Version 5.0 software release), and TestStudio™ 2003 Update 1, Documentation Update 1 (contains the supporting documentation in compiled HTML format for the TestStudio 2003 update 1 software release). These new documentation releases are available for download to all customers who have an up-to-date Software Support Agreement (SSA) or Application Support Agreement (ASA) and have a valid password to access the Support Websites. Passwords can be obtained by requesting one at:

http://www.teradyne.com/prods/cbt/support/sup_login.html

The Assembly Test Division eKnowledge Portal

The eKnowledge Portal gives customers detailed, practical technical information to support the operation and maintenance of their Teradyne test and inspection systems and software. With access to the self-service web-based portal, you can download the latest software, find and read the latest release notes and user manuals, and submit technical question to our expansive team of experts. To learn more about the key components of the eKnowledge Portal, visit the eKnowledge Support Information web site:

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

To preview the eKnowledge Portal, use the following link:

http://www.teradyne.com/prods/cbt/eknowledge/eknowledge_preview.html

RECENT TECHNICAL PAPERS, ARTICLES, & PUBLICATIONS

"Another Point of View in Machine Vision" by John Arena and Pamela Lipson (SMT China, June 2003)

Machine vision systems that rely on brute-force pixel processing will soon be inadequate for many applications. Alternative forms of machine vision promise to advance the state of the art to reduce the spiraling increase in time and computer power required to process images and to eliminate manual programming and tweaking in inspection-system applications.

To access the Chinese version of this article, go to:

http://www.teradyne.com/prods/cbt/products/library/opt/Arena-Point-of-View_SMT-China.pdf

The English Version of this article appeared in Test & Measurement World, March 2003 and was highlighted in the April 9, 2003, issue of *eTeraView*. Use this link to access the article:

http://www.teradyne.com/prods/cbt/products/library/opt/arena_lipson.pdf

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