

June 14, 2007

www.cp-ta.org

NEWSLETTER

Welcome to the CP-TA Newsletter!

The Communications Platforms Trade Association (CP-TA) is a global organization of communications platforms and building block providers whose mission is to accelerate the adoption of SIG-governed, open specification-based communication platforms by certifying interoperable building blocks. Please reply [here](#) to be removed from this mailing list.

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A Letter from CP-TA Chairman, Shlomo Pri-Tal

2007 continues to be an important year for CP-TA. Earlier this year we launched our first Interoperability Compliance Document (ICD) and Test Procedure Manual (TPM) which addresses the top interoperability issues of thermal, manageability and data transport for PICMG's AdvancedTCA specification. The ICD is free for everyone to download and the TPM is available for a fee. We encourage you to download these documents and provide us with your feedback. You'll find more details below.

In addition to the ICD and TPM releases, we recently launched new test tools. We've selected DegreeC's Chassis Scan and Blade Profiler to address thermal test needs. We are also working with Polaris Networks on the ATCA-Tester as our IPMI manageability test tool. Keep reading for more information.

We look forward to new members joining CP-TA to participate in defining interoperability requirements for AMC and MicroTCA in the remainder of 2007. We continue on a path to deliver interop and thank you for your support of CP-TA

-Shlomo

CP-TA ICD and TPM – [Download](#)

In order to address interoperability issues, CP-TA has released its first rev of the Interoperability Compliance Document (ICD) and the Test Procedure Manual (TPM). The current release addresses the top interoperability issues of thermal, manageability and data transport for PICMG's AdvancedTCA specification.

The ICD defines a set of requirements to build interoperable communications platforms. The TPM defines test procedures to test compliance for those requirements. Together, these two documents will allow vendors to design and deliver interoperable open specifications-based building blocks, thus reducing integration costs and time-to-market.

Interoperability Compliance Document (ICD 1.0)

- Foundation document for the CP-TA Certification Program
- Contains the interoperability requirements for building blocks and is based on PICMG's AdvancedTCA specification
- Free to download at www.cp-ta.org/certification

Test Procedure Manual (TPM 1.0)

- Provides the test procedures building block compliance to ICD requirements
- Mapping between the ICD and TPM
- Fee structure available at www.cp-ta.org/certification

CP-TA Test Tools

CP-TA has partnered with DegreeC and Polaris Networks to develop interoperability test tools that enable vendors to speed design and increase their confidence in interoperability. With an initial focus on PICMG's specifications, CP-TA is addressing the top interoperability issues of thermal, manageability and data transport. New test tools include:

Chassis Scan

The Chassis Scan system is designed to characterize airflow through an AdvancedTCA shelf, as specified by the ICD and TPM. It profiles airflow distribution for each slot in an AdvancedTCA shelf and allows you to see the airflow distribution within Front and RTM slots.

Blade Profiler

The Blade Profiler system is a "table top" wind tunnel developed to measure the airflow resistance of an AdvancedTCA Front board. It lets the user perform a flow impedance scan of an individual board in a matter of minutes. The Blade Profiler produces the data required to balance the blade impedance in an AdvancedTCA shelf.

ATCA-Tester

The ATCA-Tester is an automated software tool testing AdvancedTCA® & AdvancedMC™ equipment compatibility with respect to PICMG 3.0 & AMC.0 specifications system management requirements. It can be used to test single building blocks (blades, chassis, FRUs) or simultaneously all building blocks in an integrated system.

Learn how to order the CP-TA test tools at www.cp-ta.org/certification.

CP-TA Welcomes Polaris Networks as its Newest Contributor Member!

We are pleased to welcome Polaris Networks as a Contributor. Polaris plays an instrumental role in CP-TA as the new developer of the ATCA-Tester.

Polaris Networks is located in the Boston area with a development office in India. Polaris founders and employees have been active in the Networking Protocols Test Tools business for more than fifteen years and were part of Agilent Technologies for several years. Today, the major focus of the company is to provide Wireless Networking Test Tools for Protocol Conformance Testing and Certification. Polaris Networks is privately funded by the employees of the company. For more information on Polaris Networks, visit www.polarisnetworks.net.

Upcoming Events

[Click here](#) to schedule a meeting with CP-TA at these industry events.

NXTcomm 2007

McCormick Place, Chicago

June 18-21, 2007

www.nxtcommshow.com

NXTcomm 2007 is the global forum and marketplace for the new business of information, communications and entertainment technology. The forces that drive communication and the solutions to harness it are converging at Chicago's McCormick Place. Meet enterprise customers, service providers, technology suppliers and content creators at this new global forum and marketplace.

Visit CP-TA Members at NXTcomm!

- Alliance Systems – Booth 1618

- Continuous Computing – PICMG Booth 4257I, Booth 4131
- CorEdge Networks – PICMG Booth 4257N
- Diversified Technology – Booth 3668, PICMG Booth 4257C
- Emerson Network Power – Booths 2875, MR 68, PICMG Booth 4257K
- ENEA – Booth 1026
- GE Fanuc – Booth 4139, PICMG Booth 4257 EE
- Intel – Booth 4131
- Interphase Corporation – Booths 3877, MR64, PICMG Booth 4257AA
- Kontron – Booth 3937, PICMG Booth 4257J
- Motorola – Booth 2831, PICMG Booth 4257M
- Nortel – Booth 2051
- Pentair – PICMG Booth 4257MM
- RadiSys Corporation – Booths 4137, MR 57, PICMG Booth 4257G
- Performance Technologies – Booth 2477, PICMG Booth 4257L
- Sun Microsystems – PICMG Booth 4257P
- ZTE Corporation – Booth 7408M

AdvancedTCA Summit Europe
Disney Newport Bay Club (near Paris), France
September 18-19, 2007
www.euroatcasummit.com

ATCA Summit Europe speakers will include a [Mountain View Alliance](#) panel. Shlomo Pri-Tal will be representing CP-TA. The AdvancedTCA Summit program is designed to provide attendees with practical information on the current state of the Advanced Telecommunications Computing Architecture (AdvancedTCA), the emerging standard platform for telecommunications equipment.

AdvancedTCA Summit
Santa Clara, CA
October 16-18, 2007
www.advancedtcasummit.com

Come visit the CP-TA booth #403!

The AdvancedTCA Summit program is designed to provide attendees with practical information on the current state of the Advanced Telecommunications Computing Architecture (AdvancedTCA), the emerging standard platform for telecommunications equipment. Summit themes will include: creating standard-based telecom equipment, reducing equipment cost and development time, making equipment more flexible and more maintainable.

MVA Comms Ecosystem Conference
March 11-12, 2008
San Francisco, CA
www.mvacec.com

The Mountain View Alliance announces the second annual MVA Comms Ecosystem Conference. This is the only conference that brings together all the players in the communications infrastructure ecosystem to discuss the adoption of open specifications-based equipment. The 2008 conference will address both the business and technical issues of adopting COTS-based systems. Mark your calendar now for this one-of-a-kind event.

CP-TA News
Press Releases

06.11.2007 [Communications Platforms Trade Association Teams with Polaris Networks to Develop ATCA-Tester](#)

05.03.2007 [CP-TA and DegreeC Develop Thermal Test Tools for AdvancedTCA Interoperability Testing](#)

Articles

04.09.2007 [Tip of the week: Narrow the options for ATCA data transport interoperability](#), *Network Systems DesignLine*

04.01.2007 [Automated Thermal Characterization of ATCA Shelf, Blades Delivers Thermal Interoperability](#)
RTC Magazine

MicroTCA Task Force - Call for Participation

CP-TA is currently soliciting for participation for the MicroTCA ICD and TPM development. This effort will be charged with identifying the interoperability requirements within PICMG's MicroTCA specification and creating test procedures to verify that MicroTCA building blocks are in compliance with those interoperability requirements. Since, this development is in the initial stages it is an excellent opportunity for those who have MicroTCA products and plans to help formulate the fundamentals of MicroTCA interoperability. If your company is interested in joining this effort, please contact info@cp-ta.org.

Join CP-TA

Member Benefits:

Member companies have the opportunity to help define interoperability testing by providing input to the Interoperability Compliance Document and Test Procedure Manual and by participating in technical, compliance and marketing work groups. CP-TA members whose products pass certification testing will be able to market these products as CP-TA certified.

Who Should Join:

CP-TA welcomes all companies who share the CP-TA vision as defined by its bylaws to join as members. [View a list of our current members](#)

How to Join:

Complete a [membership application](#).

For more information, please contact info@cp-ta.org.

Contact us: Please contact us with questions or membership inquiries at info@cp-ta.org, or visit www.cp-ta.org.

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