

October 16, 2006

[www.cp-ta.org](http://www.cp-ta.org)

## NEWSLETTER

### Introducing the CP-TA biannual newsletter!

The CP-TA is proud to distribute this inaugural newsletter, which will be sent to Association members, affiliates, and interested parties twice a year. Please reply [here](#) to be removed from this mailing list.

[A Letter from the CP-TA Chairman](#)

[CP-TA White Paper – Download the Thermal Interoperability White Paper](#)

[2006 Activities](#)

[Industry Events](#)

[CP-TA Articles](#)

[News from our Members](#)

[Join CP-TA](#)

[CP-TA Roster](#)

[Subscribe](#)

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

Welcome to the first CP-TA Newsletter. CP-TA is an association of 26 communications platform and building block providers dedicated to accelerating the adoption of SIG-governed, open specification-based communications platforms through interoperability certification.

We have made great strides since launching in April 2006. At GLOBALCOMM 2006, we joined with other ecosystem partners – PICMG, OSDL, the Service Availability Forum and SCOPE Alliance – to illustrate how we are working with the ecosystem. We have also joined the [Mountain View Alliance](#) to coordinate our marketing efforts with this ecosystem.

We are set to release our first Interoperability Compliance Document and Test Procedure Manual in early December. We will also hold our first InteropFest in conjunction with PICMG's AIW in November. View the [CP-TA Roadmap](#) for a clear outline on what's ahead.

I look forward to working with you to achieve our interoperability vision.

- Shlomo

### CP-TA White Paper – Thermal Interoperability of AdvancedTCA Shelf and Boards

CP-TA is directly tackling the challenges of thermal interoperability. This paper describes the AdvancedTCA shelf requirements to cool all the boards and facilitate the shelf slots to be interoperable. In addition, the flow impedance issues of boards are discussed along with a methodology of impedance balancing. Further, to date, there is no standard measurement technique that can be adopted to compare shelves in terms of air flow volume through each slot in the shelf. This paper describes a methodology of evaluating airflow volumes through each slot in an AdvancedTCA shelf that can be used to benchmark each shelf. The recent designs that populate the board with mezzanine cards (AMCs) demand air flow at a higher flow

impedance. The cooling challenges posed by the introduction of AMCs on a board are enunciated as well. **Download the [Thermal Interoperability White Paper](#).**

### **2006 Activities**

CP-TA launched on April 26, 2006 with 20 communications platform and building block providers dedicated to accelerating the adoption of SIG-governed, open specification-based communications platforms through interoperability certification. Today, CP-TA has 26 members and is continuing to grow. CP-TA is working with industry organizations – OSDL, PICMG, SCOPE Alliance and the Service Availability Forum – to realize the vision of a true standards-based ecosystem.

CP-TA will certify building blocks to interoperability test requirements based on existing open specifications from PICMG, OSDL and the Service Availability Forum, and on system-level profiles developed by the SCOPE Alliance. Initially, CP-TA is focused on certifying building blocks to interoperability requirements based on PICMG standards.

### **Key Milestones**

- Launched on April 26 with 20 members; today CP-TA has 26 members
  - Download the launch press release [here](#)
- Showcased first Interoperability Demonstration at GLOBALCOMM 2006
- Joined with other industry organizations in the Mountain View Alliance to further the interoperability vision
- Published Thermal Interoperability White Paper
- First InteropFest will take place November 6-10 in Chicago, Illinois
  - CP-TA will perform testing in parallel with the PICMG AIW
  - CP-TA Booth will have three test beds
    - Thermal
    - Management
    - Data Transport
- Publishing first Interoperability Compliance Document and Test Procedure Manual in December 2006

### **Industry Events**

Visit the CP-TA at these upcoming industry events!

#### **AdvancedTCA Summit 2006**

**October 17-19, 2006**

**Santa Clara Marriott**

**Santa Clara, CA**

Visit the CP-TA in Booth 308 and learn more about how CP-TA is working with the industry.

Wednesday, 3:00pm to 3:50pm

Shlomo Pri-Tal, President and Chairman of the CP-TA Board of Directors, will be speaking at the AdvancedTCA Summit on the topic “Creating a Mainstream Market for Open Standards-based Communications Platforms.”

For registration and other conference details, please visit <http://www.advancedtcasummit.com>.

#### **ITU Telecom World 2006**

**December 4-8, 2006**  
**AsiaWorld-Expo Center (Hong Kong International Airport)**  
**Hong Kong, China**

Come see the CP-TA interoperability demonstration in Booth 9046 in Hall 9 at ITU Telecom World. Learn more about the CP-TA solution for thermal, manageability and data transport.

CP-TA will be among 800-900 exhibitors attending this major global event. For more information, visit [www.itu.int/WORLD2006](http://www.itu.int/WORLD2006).

### **CP-TA Articles**

09.15.06 [Forging the Interoperability Link](#), *CompactPCI and AdvancedTCA Systems Magazine*

08.24.06 [Achieving Interoperability for Standards-Based Telecom Building Blocks](#), *ATCA Newsletter*

### **News from our Members**

#### **CP-TA Welcomes New Sponsor Member: Degree Controls, Inc.**

Degree Controls, Inc (commonly known by its nickname of Degree C) specializes in solving thermal issues via the micromanagement of airflow. Our managed airflow products are custom designed for applications in telecom, computing, medical, military, and bio-safety, among others. We operate from chassis scale down to board and chip scale and up to room scale, with all products having the built-in intelligence to cope with the variability and foreseeable events in their operating environments. Design validation and compliance and reliability testing are performed in-house to ensure a complete end-to-end solution. There is nobody faster at coming up with a working prototype solution to the most demanding thermal challenges.

[www.degrec.com](http://www.degrec.com)

#### **HP Announces New Product**

The HP ATCA blade server platform, designed for carrier-grade-quality telecom environments, includes a full suite of hardware, telecom Linux OS, manageability tools, and global 24x7 services and support. This month HP is pleased to announce that the bh5700 HP ATCA bladed telecom platform with bc2100 Xeon processor blades is now shipping to customers, including Tekelec, a network equipment provider in the United States.

#### **ESO Technologies Launched HAPx, an SA Forum Compliant High Availability & System Management Middleware** (September 28, 2006)

HAPx middleware provides hardware/software fault recovery and system management services to distributed computing platforms and enables mission critical equipments and applications to deliver uninterrupted services. HAPx is made for equipment manufacturers or system integrators outsourcing open & standardized platform software components.

#### **Benefits**

- Low cost of acquisition, integration and maintenance
- Simple and fast integration
- Fast stateful applications failover
- Pre-integrated 3rd party products (fully transactional carrier grade DB, switches, ...)
- Open architecture (AIS & HPI SAF interfaces compliant)

To get a datasheet or a free evaluation version, please send your request to [hapx.info@eso-tech.com](mailto:hapx.info@eso-tech.com) or go to [www.eso-tech.com/hapx](http://www.eso-tech.com/hapx)

### **Performance Technologies and GoAhead Team to Offer High Availability AdvancedTCA® and CompactPCI® Platforms**

Performance Technologies recently announced it has teamed with GoAhead Software to offer high availability AdvancedTCA(R) and CompactPCI(R) platforms. GoAhead's high availability middleware will be incorporated into Performance Technologies' 10Gb ATCA and 1Gb CPCI application-ready Advanced Managed Platforms(TM). The offering will provide equipment manufacturers of telecom and defense and homeland security systems with a cost-efficient modular platform architecture capable of accelerating the deployment of mission-critical applications. For high availability ATCA solutions, Performance Technologies' participation as a Contributor Member in CP-TA will further simplify platform integration and increase reliability for its customers by offering certified interoperable building blocks for systems development.

Link to press release: [www.pt.com/press/rel06\\_pt\\_goahead\\_092606.html](http://www.pt.com/press/rel06_pt_goahead_092606.html)

### **Join CP-TA**

#### **Member Benefits:**

Member companies have the opportunity to help define interoperability testing by providing input to the Interoperability Compliance Document and 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](mailto:info@cp-ta.org).

**Contact us:** Please contact us with questions or membership inquiries at [info@cp-ta.org](mailto:info@cp-ta.org), or visit [www.cp-ta.org](http://www.cp-ta.org).

### **Subscribe to the newsletter**

Please [click here](#) to subscribe to the CP-TA newsletter