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## **PIGEON POINT SYSTEMS UPDATES PIGEON POINT OPENHPI FOR ATCA MARKET-LEADING PIGEON POINT SHELF MANAGER**

**SCOTTS VALLEY, CA USA – March 2008** – Pigeon Point Systems, the leading supplier of shelf and board management solutions for AdvancedTCA<sup>®</sup>, AdvancedMC<sup>™</sup> and MicroTCA<sup>™</sup>, announces immediate availability of a Pigeon Point OpenHPI update that is compliant with the newest revision of HPI and ready for use with its market-leading Pigeon Point Shelf Manager. The Hardware Platform Interface (HPI) is defined by the Service Availability Forum (SAF – [www.saforum.org](http://www.saforum.org)) and provides an abstracted interface for managing computer hardware, including bladed shelf/chassis architectures such as ATCA and IBM BladeCenter. The B.02.01 revision of the HPI specification was adopted by SAF in December, 2006. Among other improvements, the B.02.01 revision defines a generic way for an HPI user to manage firmware upgrades, using Firmware Upgrade Management Instruments (FUMIs). HPI is emerging as a strongly favored foundation layer among major Network Equipment Providers (NEPs) for management layers that monitor systems based on ATCA and other types of hardware platforms.

OpenHPI ([www.openhpi.org](http://www.openhpi.org)) is an open source implementation of HPI that includes a plug-in architecture to simplify and modularize the support of disparate hardware platforms, including several plug-ins that support IPMI-managed platforms like ATCA and SNMP-managed platforms like BladeCenter. The 2.10.1 release of OpenHPI complies with the B.02.01 HPI specification. Pigeon Point has created a Pigeon Point plug-in that is tuned and validated with the Pigeon Point Shelf Manager and complies

with the SAF HPI-to-ATCA Mapping specification. Pigeon Point OpenHPI is ready for use with any of the thousands of Pigeon Point ShMM-500R Shelf Management Mezzanines that manage the majority of the world's ATCA shelves.

Pigeon Point OpenHPI benefits from the broad use of OpenHPI across a wide variety of hardware platforms, plus intensive validation and use on the ATCA platforms of major Pigeon Point customers. The Pigeon Point plug-in benefits from a substantial development effort to: tune the interactions with the Pigeon Point Shelf Manager, comply with the HPI-to-ATCA Mapping specification and meet other demanding customer requirements. Pigeon Point OpenHPI is delivered on a subscription basis that provides direct Pigeon Point technical support for the full OpenHPI package by Pigeon Point's ATCA and OpenHPI experts; the current release is based on OpenHPI 2.10.1. Pigeon Point's corrections and enhancements to OpenHPI outside the Pigeon Point plug-in are being published back to the OpenHPI open source project and many of them have already been integrated into the current OpenHPI source code.

Pigeon Point is leading the effort within the SAF HPI Working Group to augment the SAF's HPI-to-ATCA Mapping specification to include a mapping of HPI FUMIs to PICMG HPM.1, the IPM Controller Firmware Upgrade specification, which was adopted in May, 2007. Pigeon Point also led the development of that specification within PICMG.

A Pigeon Point OpenHPI User Guide for the new 2.10.1-based release is posted on the Library page of the Pigeon Point website ([www.pigeonpoint.com/library.html](http://www.pigeonpoint.com/library.html)) along with corresponding documentation for the Pigeon Point Shelf Manager. Also accessible via that page are useful articles and tutorials on hardware platform management.

For additional information, contact Mark Overgaard, Pigeon Point Systems, Tel: 831-438-1565; [mark@pigeonpoint.com](mailto:mark@pigeonpoint.com); [www.pigeonpoint.com](http://www.pigeonpoint.com).

### **About Pigeon Point Systems**

Pigeon Point Systems delivers world-class management components for modular platforms based on the AdvancedTCA<sup>®</sup>, AdvancedMC<sup>™</sup> and MicroTCA<sup>™</sup> architectures to leading companies, worldwide. Pigeon Point's focus on providing dependable, proven solutions for the mandatory management controllers in these architectures allows customers to concentrate on the value-add aspects of their products. Deep expertise on

these architectures ensures compliance and interoperability in the Pigeon Point components.

Pigeon Point, an executive member of PICMG, is a leader in its AdvancedTCA, AdvancedMC and MicroTCA subcommittees and is active in many other technical subcommittees. Pigeon Point is also a contributing member of the Service Availability™ Forum and active in its HPI Working Group. For more information about Pigeon Point, visit [www.pigeonpoint.com](http://www.pigeonpoint.com) or call 831-438-1565.

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