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Jerry Gipper, Executive Director
VITA
480-577-1916
Jerry@VITA.com

VITA Standards Organization Ratifies ANSI/VITA 46.11 System Management on VPX

**Enables interoperability within the VPX ecosystem at the
Field Replaceable Unit (FRU), chassis and system levels.**

VITA, San Pedro, CA, July 16, 2015 — VITA, the trade association dedicated to fostering American National Standards Institute (ANSI) accredited, open system architectures in critical embedded system applications announces that VITA 46.11 "System Management on VPX" has reached ANSI recognition as ANSI/VITA 46.11-2015. This specification has completed the VITA and ANSI processes reaching full recognition under guidance of the VITA Standards Organization (VSO).

ANSI/VITA 46.11 defines a framework for System Management in VPX systems. It enables interoperability within the VPX ecosystem at the Field Replaceable Unit (FRU), chassis and system levels. The framework is based on the Intelligent Platform Management Interface (IPMI) specification and leverages many concepts and definitions from the AdvancedTCA® (ATCA®) specification by PICMG®.

"As the complexity of embedded computing systems continues to increase, so do the demands to be able to maintain these systems in a cost effective manner," said Daniel Toohey, Technical Director at Mercury Systems and VITA 46.11 Working Group Chair. "The task of configuring, optimizing, securing, repairing and monitoring such systems, especially when the systems are comprised of elements from various vendors can be extremely costly, technically challenging, and in some cases

impossible to accomplish at all. This drove the need for consistent management interfaces, and was the genesis of VITA 46.11."

VITA 46.11 took on the challenge of defining a set of physical, logical, and protocol requirements to standardize the management of VITA 46 and VITA 65 compliant modules and backplanes. ANSI/VITA 46.11 provides a true solution for systems management interoperability across various hardware and software vendors, chassis suppliers, systems integrators, and end users. It provides consistent management capabilities and behaviors for these disparate elements, and provides a robust framework that allows individual implementers to add their own enhancements without impacting interoperability.

Copies of the specification are available for purchase at the VITA Online Shop (http://shop.vita.com/).

About VITA

Founded in 1984, VITA is an incorporated, non-profit organization of suppliers and users who share a common market interest in critical embedded systems. VITA champions open system architectures. Its activities are international in scope, technical, promotional, and user-centric. VITA aims to increase total market size for its members, expand market exposure for suppliers, and deliver timely technical information. VITA has ANSI and IEC accreditation to develop standards (VME, VXS, VPX, OpenVPX, VPX REDI, XMC, FMC, VNX, etc.) for embedded systems used in a myriad of critical applications and harsh environments. For more information, visit www.VITA.com.

Source: VITA