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Pixus Upgrades 13U AdvancedTCA Chassis Platform

Waterloo, Ontario — Mar 16, 2016 – Pixus Technologies, a provider of embedded computing and enclosure solutions, has made several upgrades to its latest generation of AdvancedTCA (ATCA) enclosure system. The changes include 40GbE new backplane, shelf manager, and Power Entry Module (PEM) options.

The Pixus PXS13X0 series AdvancedTCA chassis now comes with 40GbE backplane options to IEEE 40GBASE-KR4.   Featuring patented RiCool III fans options, the chassis cools over 300W/slot while maintaining NEBS compliance and CPTA design guidelines.   The enclosures also have new shelf manager options from VadaTech (VT003) and PigeonPoint (ShMM-700R).

As the power requirements for AdvancedTCA applications continue to rise, the enclosures now feature upgraded PEMs. The intelligent 100A PEMs have feeds that are limited to 25A. All of the fuses, input/output voltages, and total current are monitored. There are also options for power monitoring that is compliant to PICMG 3.7 for the ATCA Extensions mid-plane approach.

Pixus offers other 2U-6U chassis platforms and specialty boards, as well as front panels for the ATCA architecture. The company also has backplanes, chassis, and components for other backplane form factors including OpenVPX, VME/64x, CompactPCI, and MicroTCA.

About Pixus Technologies

Leveraging over 20 years of innovative standard products, the Pixus team is comprised of industry experts in electronics packaging. Founded in 2009 by senior management from Kaparel Corporation, a Rittal company, Pixus Technologies' embedded backplanes and systems are focused primarily on ATCA, OpenVPX, MicroTCA, and custom designs.   Pixus also has an extensive offering of VME-based and cPCI-based solutions.   In May 2011, Pixus Technologies became the sole authorized North and South American supplier of the electronic packaging products previously offered by Kaparel Corporation and Rittal.