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New 3U OpenVPX Backplane Configurations from Pixus

Waterloo, Ontario — Feb, 28 2023 – Pixus Technologies, a provider of embedded computing and enclosure solutions, now offers new 3U OpenVPX backplane configurations in 2, 3, 6, 13, and 16 slot versions per the VITA 65 specification. There are also some versions aligned to the SOSA technical standard.

The first in the series of new OpenVPX backplanes is a 2-slot design with a BKP3-DIS02-15.2.8 routing profile. The design supports speeds up to 40GbE and PCIe Gen3. The size is attractive for small form factor Air Transport Racks (ATRs), development systems, or other compact systems. Options with and without the RTM connectors and VITA 62 power supply slots installed are available.

Pixus offers SOSA aligned and OpenVPX backplanes, enclosures, and chassis managers. The company also provide enclosure designs in other architectures including cPCI Serial/ CompactPCI, ATCA/MicroTCA, VME64x/VME, and custom designs.

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 SOSA aligned / OpenVPX, ATCA/ MicroTCA, and custom designs. Pixus also has an extensive offering of VME-based and cPCI-based solutions.