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Pixus Announces Versatile Development Enclosures Supporting SOSA & OpenVPX

Waterloo, Ontario — Sept 9, 2020 – Pixus Technologies, a provider of embedded computing and enclosure solutions, now offers versatile backplane/chassis configurations geared for 3U and 6U OpenVPX and SOSA development.

The versatile development enclosures start with a line of 1-slot power and ground backplanes in various 3U and 6U configurations. This includes VITA 65 (standard VPX), VITA 66.4 (VPX with optical), and VITA 67.3 types (VPX with RF). The backplanes can be incorporated along with other designs, including a 3U version with 4 VITA 65 slots and 4 VITA 67.3 slots. It features the radial clocking required for SOSA applications. For partial routing options, there are 3U or 6U OpenVPX backplanes with 2 power and ground slots, 2 slots with data plane connected via a fat-pipe , and 2 slots with a double fat pipe.

Combining these backplane options into one chassis provides a vast array of configuration possibilities. All power and ground slots have pass-through signals to the rear of the backplane. With VPX cabling options, the slots can be interconnected to others via the Rear Transition Module (RTM) connectors.

There are various Pixus chassis platforms to house the backplane configurations including 8.5” wide and 12.5” wide open frame portable enclosures as well as 19” rackmount. The company also provides OpenVPX specialty products such as chassis managers, handle/panel sets, filler panels, guide rails, power interface boards, air slot blocker boards, and more.

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.