

For Immediate Release

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Per Vices Unveils Crimson Software Defined Radio COTS Product

Crimson SDR COTS product based on Altera® Arria V SoCs bridges military/defence and wireless applications

Ontario, Canada – September 10, 2014 – Per Vices, a premier board and solution provider, is pleased to announce the release of Crimson, the company's latest Software Defined Radio. The Crimson Software Defined Radio (SDR) builds on the extraordinary wireless capabilities provided by previous products from Per Vices, and furthers the company's vision of wireless technology.

Per Vices aims to bridge the gap between traditional dedicated wireless technology and focus on building applications and products capable of meeting needs across different market segments. Crimson is the best valued SDR on the market with the capabilities of operating in standalone mode, as well as having the option to network with other equipment. "Altera is a leading SDR provider. Per Vices' Crimson Arria V SoC-based SDR COTS board truly is a flexible product with a wide range of applications well suited for military, governmental and wireless networking applications," said Ian Land, senior manager of Altera's military, aerospace and government business unit. "It's a unique blend of hardware and software that delivers a high-performance, turnkey multi-channel radio," he continued. Crimson is a full duplex transceiver with an operating frequency from 100kHz to 6GHz with four independent receive and four independent transmit channels, each having 200MHz of instantaneous RF bandwidth. On the digital front, Crimson is powered by an Arria V SoC, integrates Altera's 20nm FPGA fabric with a dedicated ARM processor system enabling unique and complex applications. In the Defense, Security, and Public Safety markets Crimson provides the flexibility for use in a variety of applications ranging from signal intelligence, communications, and (counter) electronic warfare.

Price and Availability

For more information about Per Vices' Crimson product, please contact Per Vices or visit:
www.pervices.com/defence.

About Per Vices Corporation

Per Vices builds flexible radio platforms designed to satisfy the needs of a diverse customer base at the best possible value. Our high bandwidth software defined radio products operate across broad frequency ranges, and have supported the most demanding applications required by defence and telecommunications customers. Our use of Altera FPGAs allows our products to transparently substitute for, and bridge the communication between, different wireless devices. This enables us to build tactical signals intelligence products that provide operators with the means to address the self-organizational capabilities afforded by modern communications infrastructure, without compromising strategic signals intelligence requirements. Our application agnostic technology provides powerful communications, signals intelligence, and (counter) electronic warfare capabilities offering a means to secure communications, surveil ambient wireless signals, and suppress objectionable sources. For more information please visit www.pervices.com/defence

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