



**FOR IMMEDIATE RELEASE**

## **Radiall and TechwaY signed a distribution agreement on rugged high-speed optical FMC board**

June 2018 – Radiall, a specialist in Optical Interconnect Solutions for harsh environments is now distributing WildcatFMC boards from TechwaY.

In order to improve signal-processing performance, FPGA (Field-Programmable Gate Array) became a key component during the last few years. Embedded on complex but well-defined motherboard architecture, FPGA is the Swiss-knife for processing many different signals in video systems, radars or mission computers. The new paradigm for modern FPGA is extreme high-speed I/O, which requires optical links.

WildcatFMC enhances the modularity of the FPGA board equipped with mezzanine VITA 57 site by providing a plug-in and turn-key multichannel optical interface. This advantage, allows the FPGA board to achieve high speed I/O for applications requesting massive data-transfer without requiring an expensive redesign.

The core of the WildcatFMC board is made of Radiall 10+ G range D-Lightsys® optical transceivers, running up to 12 Gbps. The ultra-compact package of these components fits the FMC standard form factor even for boards handling 24 optical channels.

WildcatFMC is designed to meet the military and aerospace environmental constraints and is qualified to fulfill the MIL standard specs.

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### **About Radiall**

Radiall is a global manufacturer of leading-edge interconnect solutions. The company offers an extensive range of RF coaxial connectors and cable assemblies, coaxial switches, fiber optic and microwave components, multipin connectors and more. Radiall has sales offices and subsidiaries throughout the world, R&D in the U.S., Europe and China, along with manufacturing facilities strategically located in the U.S., Mexico, India and China.

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