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New Data Processing Board Offered By VadaTech Features High Performance and Low Latency

Henderson, NV – May 13, 2014 – VadaTech, a manufacturer of embedded boards and complete application-ready platforms, now offers a new data processor that meets the MicroTCA.4 specification with a rear I/O interface. The board is ideal for several High Energy Physics applications such as cavity field stabilization and standing-wave linear accelerators, as well as other systems requiring high speeds DSPs and low latency.

The CM045 data processing AMC comes in the double module, mid-size format. It features a high-performance Kintex-7 FPGA with x4 PCI Gen 3 signaling across the fat pipes. The module provides processing power, data memory, communication links, and reference clock signals. The CM045 also has 16 GB of DDR3 memory, 8 SFP+ ports via the front panel, and routes 4 low latency signals to the RTM. Another advantage of the CM045 is it provides a convenient upgrade path with in-system firmware updating using IPMI and a fast serial link.

VadaTech offers the full MicroTCA.4 ecosystem, including chassis, power modules, MCHs, RTMs, and a wide range of AMCs. The company's AMCs for MicroTCA.4 include processors, FPGAs, A/D and D/A converters, data processors, down-converters, and more.

About VadaTech

VadaTech provides innovative embedded computing solutions from board-level products, chassis-level platforms, to configurable application-ready systems. With a focus on MicroTCA and AdvancedTCA solutions, the company offers unmatched product selection and expertise in the full xTCA ecosystem. With our unique combination of electrical, mechanical, software, and system-level expertise, VadaTech can provide customized commercial or rugged computing solutions to meet the most complex customer requirements. VadaTech also offers specialized product solutions for VPX/VME, CompactPCI, and other architectures. A member of PICMG and VITA, VadaTech is headquartered in Henderson, NV with offices in Europe and Asia Pacific.

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