VANTEON®
ELECTRONIC DESIGN

Electronic Communications Systems Design & Software

Wireless and Internet Protocol enabled devices, Software Defined Radio, and a myriad of industry standard communication technologies are in our portfolio of commercial product realization experiences.

We provide wireless and RF design and turn-key systems development services from Software Defined Radio to custom designed DSP and FPGA hardware and embedded firmware for commercial and defense applications.

WaveCaster™ Software Defined Radio royalty-free intellectual property from Vanteon can give your project a jumpstart. These components provide SDR core functionality that can be quickly customized to suit your project requirements and without additional licensing fees. Within the domain of SDR we also provide services for digital modulation/demodulation and coding, data conversion, multiple access, and RF system analysis.

Communications Expertise
- RF and IF Analog Hardware
- Baseband Analog Hardware
- DSP and FPGA Hardware
- DSP and FPGA Embedded Firmware
- Host, Application and Driver Software
- Bluetooth 802.15.1
- ZigBee 802.15.4 (900 MHz/2.4MHz)
- UWB
- WiFi 802.11
- RFID 125kHz, 13.56MHz (ISO 14443, ISO 15693)
- WiMAX 802.16
- IrDA

"Vanteon did a great job on defining expectations for the projects, provided thorough progress reports, and provided very detailed data at crucial decision points enabling me to make informed decisions where required in the course of the project."

Scott Patchin, VP Engineering, Mission Mobility

Our engineering team is ready to work as part of your in-house team for designing completed solutions. Contact us today at 888.506.5677 to discuss your project!

25+ Years

Celebrating 25 years of service, innovation, and collaboration.

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