NAMC
NATIONAL ADVANCED MOBILITY CONSORTIUM

DTC

EXTERNAL SYSTEMS

Domo Tactical Communications, Inc. | Herndon, VA | Nontraditional

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What is something unique about your product or service?

Our line of Software Defined Radios (SDR) and NetNode IP Mesh radios over the lowest latency, high throughput, tactical mesh networking radios on the market, for Multi-domain and RAS networking and communications. DTC Software Defined radios offer true software-defined flexibility. Designed around 'System on a Chip' Field Programmable FPGA devices that include dual ARM cores running Linux for maximum adaptability and host five state of the art waveform choices.

Our Robust RF Interfaces implemented via programmable generic RF ASIC chips cover a wide range of frequency bands 320 MHz-6 GHz and user selectable channel bandwidths from 1.25 up to 20 MHz. Bandwidth is uniquely scalable to allow for an optimum balance between throughput and range performance. We offer power levels from 100mW to 30 watts plus.

The DTC SOL8SDR is available in form factors suitable for the smallest drone or the largest ground vehicle, as well as manned platforms and fixed ground stations.

What do you consider your organization's differentiator?

DTC's has 30+ years of experience in the Video, IP Mesh, Surveillance, and Tactical Communications Markets. We serve the Defense, Intelligence, and Law Enforcement communities. DTC's reputation is for engineering "Truly Software Defined Radios" that consistently outperforms industry in challenging environments for range, throughput, efficient use of the RF spectrum with lowest latency & SWaP. Our past performance and current contracts with US Army, DOJ, DHS and DOD demonstrate our ability to deliver complex solutions and products to rigid specifications. During COVID Lockdown in 2020, we celebrated building our 250,000th radio.

Which Government Customer would you like to pitch your organization to?

GVSC; PEO GCS; PEO CS&CSS; NGCV CFT; MANUEVER CDID; MANEUVER SUPPORT CDID: PM CCS; PM UAS; MCWL .

Capabilities:

Communications	C5ISR	Sensor Connectivity	Sensor Data Exfil	MANET
Mesh Networking	MIMO	COFDM	Video	LPI/LPD