

# Critical

technologies inc.

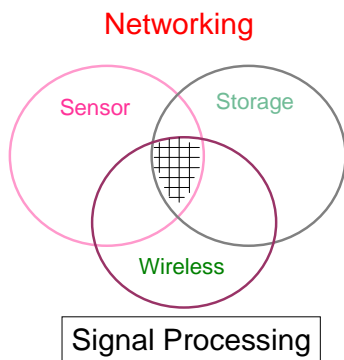
Superior Engineering Solutions

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Critical Technologies Inc. (CTI) delivers solutions in *wireless*, *sensor*, and *storage networking*.

Specifically, we perform R&D and product development in the *convergence* of these areas, overcoming deficiencies in each, improving **Quality of Service (QoS)** through **Delay / Disruption Tolerant Networking (DTN)**.



DTN improves QoS in environments with:

- High bit error probability
- Long latency
- Low bit rate
- Intermittent, ad hoc, or mobile wireless connectivity

We continue on-going R&D investments in other technology areas, such as:

- Cognitive networking
- Cross layer optimization
- Sensor signal processing
- Fault tolerant storage
- Software development
- System design, integration and test

## *Experience & Expertise*

CTI's technical team members maintain advanced education, publications, patents, and participation in local and National engineering communities, with an average of 18 years experience in US military and commercial R&D and product development.

## *Academic Research Partners*

CTI maintains relationships and collaborates with institutions of higher learning and research, including:

- Syracuse University
- State University of NY, Utica/Rome
- Cornell University
- Rochester Institute of Technology

## *Customer-Centric Innovation*

Understanding customers' priorities and delivering solutions uniquely positions CTI.

Customers include:



## *Become a Partner*

By integrating expertise with the resources, tools, and operational capabilities of our organization, we develop solutions exceeding clients' expectations.