

# **DART-PS1** *Direct Access Response Terminal Public Safety*

**DART-PS1** is an instant deployable, Ultra compact, Micro LTE network solution designed for rapid deployment of Public Safety Tactical LTE networks.

**DART- Direct Access Response Terminal** system is a full fledged LTE network consisting of all the essential components required to create an Edge-centric LTE network in less than 3 minutes just by powering on.

*Ultra compact  
Lightweight - under 12lbs.  
Battery powered*



## **Features & Benefits - DART-PS1**

**DART** is a complete LTE network with integrated Radio Base station & Core Network.

### **LTE Radio Base Station**

- ▶ 3GPP compliant
- ▶ Tx Power : 250 mw, 2 Watt & 5 Watt
- ▶ Frequencies : 700 MHz to 3600 MHz- All major frequency bands in the world.
- ▶ 20 MHz FDD/TDD, Roadmap to 80 MHz
- ▶ Powered by System on a Chip & Virtualization
- ▶ 100 active simultaneous Users/sessions- license
- ▶ Low Power consumption-Battery & solar pwr.
- ▶ LTE & WiFi

### **Core Network**

- ▶ All IP based - 3GPP LTE
- ▶ Includes network components such as : LTE EPC, HSS, PCRF & IMS (VoLTE)
- ▶ Full Network Management integrated with every unit
- ▶ Remote monitoring and management capability over satellite or low bandwidth backhaul
- ▶ Available in smallest form factor
- ▶ Hardware independent - fully virtualized
- ▶ Works with industry standard 4G LTE phones
- ▶ True Private Network - Create your own SIM Cards, Encryption Keys

**Microwave  
Satellite  
Access Unit**



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