

DEPLOYABLE COMMUNICATIONS AS A SERVICE (DCAAS)

Missions require the ability to rapidly deploy forces to austere global locations and enable warfighters with decision-making data from sensor imagery and analysis across multiple platforms.

PERATON'S SOLUTION

Peraton and its technology partners have developed a solution that allows tactical units the ability to rapidly deploy communications at the edge. The Peraton solution provides global multi orbit (LEO/MEO/GEO) COMSATCOM Ku/Ka/L/S/X/C service with different terminal man-packable or fixed terminals along with tactical edge cloud & computing capabilities. This allows for missions to have access anywhere for combat communications and enhanced situational awareness. The local network at the edge can be extended for broader coverage area utilizing local LAN infrastructure, WiFi or tactical 5G solutions.

DEPLOYED COMMUNICATION AS A SERVICE

- **Managed Services Delivery Model:** we provide a fully managed service solution from design, build, and operate to meet government customer mission needs ensuring deployable communications keep pace with critical missions, evolving technology, and fiscal reality.

- **As A Service:** this option enables new technology—cloud, wireless, software—to be integrated quickly. A monthly fee for each deployable kit and associated SATCOM services allows customers to pay for what they need when they need it. Spares and repair/replacement of components is included with the monthly fee.
- **Flexibility:** the U.S. government can provide requirements for as many DCaaS variants as needed and Peraton will engineer, integrate, field, and train/operate.

KEY CAPABILITIES

- Solutions provide a vendor agnostic approach for flexible COMSATCOM Ku/Ka/L/S/X/C backhaul
- Extend connectivity at the edge with industry standard 5G, LAN, or Wi-Fi
- Peraton Labs' secure network overlay for secure and resilient edge-to-cloud data transfers over 5G and other protocols
- Supports Low Power Long Range Wide Area Network (LoRaWAN)
- Seamless cloud-to-edge integration that delivers applications and ML models to edge devices over the air

