

# RavenStar™ Ultra-wideband Massive MIMO Radio Unit.

Adaptable, compact, antenna system that operates from 600 MHz to 7 GHz. Our energy efficient system optimizes radio signals for the highest data rates and best coverage.

## KEY BENEFITS

4x plus network capacity improvement

Extended coverage and performance

Innovations in beamforming and interference reduction

Small form factor, future proof multi-band radio unit (RU)

## RAVENSTAR TECHNOLOGY

- Reduces total cost of ownership
  - ✓ Minimizes the amount of equipment on towers and small cells
  - ✓ Lowers power consumption
  - ✓ Adds network capacity through massive MIMO
  - ✓ Eliminates the need for truck rolls for site upgrades
- US designed and manufactured, with demonstrated 5G O-RAN compatibility and interoperability
- O-RAN compliant interface allows dynamic optimization of performance leveraging AI and ML
- Deployed for multiple applications in the government, DOD and scientific domains



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It can be done