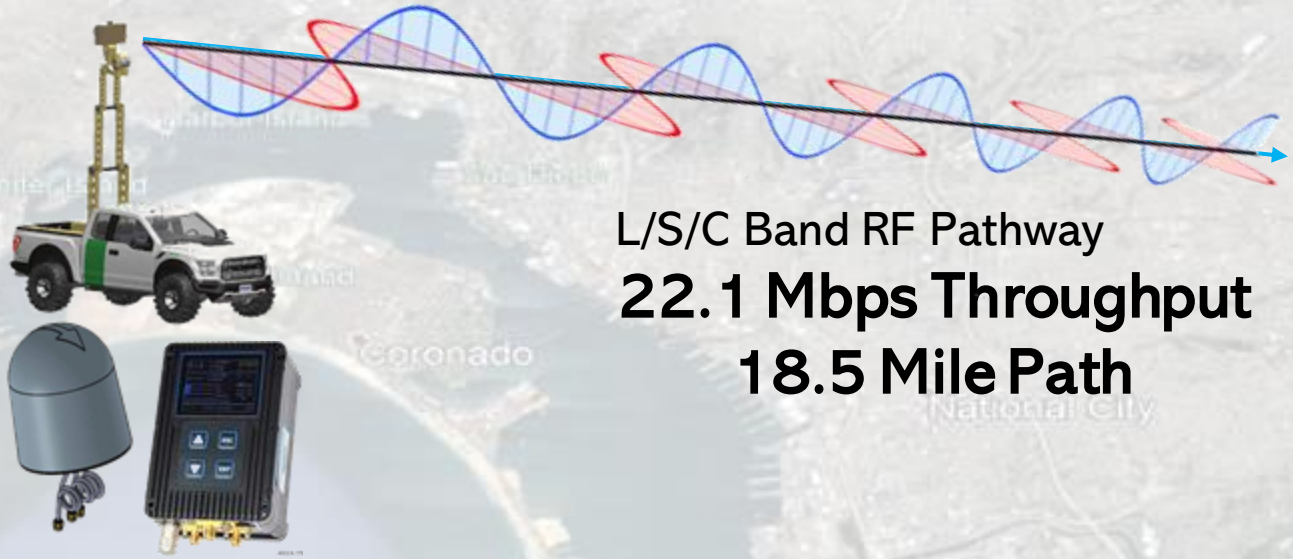
Bronte IP Radio Access Point to Network Infrastructure



L/S/C Band RF Pathway

22.1 Mbps Throughput

18.5 Mile Path

Mountain Top Adaptive Central Receive Site (ACRx)

Field Office Site Controlled Network VPN Access

The Demonstration highlighted a need to connect isolated systems, tying independent information into an active Common Operating Picture within a Maritime and Land based environment.

During the Large-Scale Demonstration, Janteq was able to answer this need. In just a few minutes a Microwave Data Link was established that exceeded Data Requirements by over 150%, tying the previously isolated Surveillance System complete with Video and Analytics Units back to the NOC

This solution brought the information in the field back to the coordination team, showing that a single Agent could then effectively monitor a much greater area and task resources more effectively.

Janteq
Software Defined Radio
Adaptive Central Receive System (ACRx)

Bronte Radio and Multi Band Antenna

- Edge System Access Point
- Federal Bands, L/S/C Bi-Directional Communications
  - Two antenna receive diversity
    - MISO – Multiple input, Single output
  - Built in display for Unit monitoring and configuration
  - 100mW, 500mW, 1W RF power output
  - RJ-45 Ethernet Connection
  - AES-256 Encryption
- Supports Multiple IP Cameras/Sensors/Systems
- Network Layer 2 Device
  - Transparent to network traffic
  - Devices connected to RJ45 jack appear connected to the same network as back at the Central Office
- Transmits to ACRx, which controls Frequency and Utilization Parameters automatically