

BATS stabilized systems allow for the successful deployment of core microwave and LTE communications in the field.



Delivering robust communications and data solutions to enable the most advanced public safety networks.

SUPPORTING MANY MUNICIPAL, STATE, and FEDERAL PROJECTS



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“Working off of Texas Commerce, downtown Houston, so 20- something miles, setting it up, auto-acquiring; it took probably about 15 seconds for it to acquire the link to downtown with about 80 Meg throughput. ”

Public Safety Communications - Harris County, TX

FEATURES

Quick Deploy

BATS systems are designed with deployable solutions, such as Mobile Control Units (MCUs), Cell on Wheels (COWs), System on Wheels (SOWs), and man deployable units. Whether using a man deployable mast, or attached to a Mobile Command Vehicle, BATS systems automatically locate and lock onto the best possible radio link. Allowing emergency response personnel in the field to focus on the task at hand.

Versatility

From 2ft parabolic grids to 8ft solid dishes and payloads up to 3000 lbs, there's a system developed to meet most antenna/radio profiles. Whether its providing multi-vehicle data and communications, or delivering critical backbone connectivity for LTE Networks; solutions are available for most throughput & distance requirements.

Experience

We have deployed highly available, intelligent wireless networks in major cities around the world. From New York City, New York to Dallas-Ft. Worth, Texas; BATS systems are supporting the critical communication and data needs of some of the world's largest metropolitan areas.



Example Platform Deployment

with:

Satellite



0.76 /0.38 Mbps

1800ms

\$1999.00/month

with:



270/270 Mbps

6ms

\$0/month

“Hundreds of communication command vehicles have been purchased by jurisdictions throughout the US but the bandwidth that they offer to incident command is limited to aircards and satellite. Neither of these options are particularly reliable during a large incident and neither can approach the 100 to 200 Mbits/per second commonly seen with BATS.”



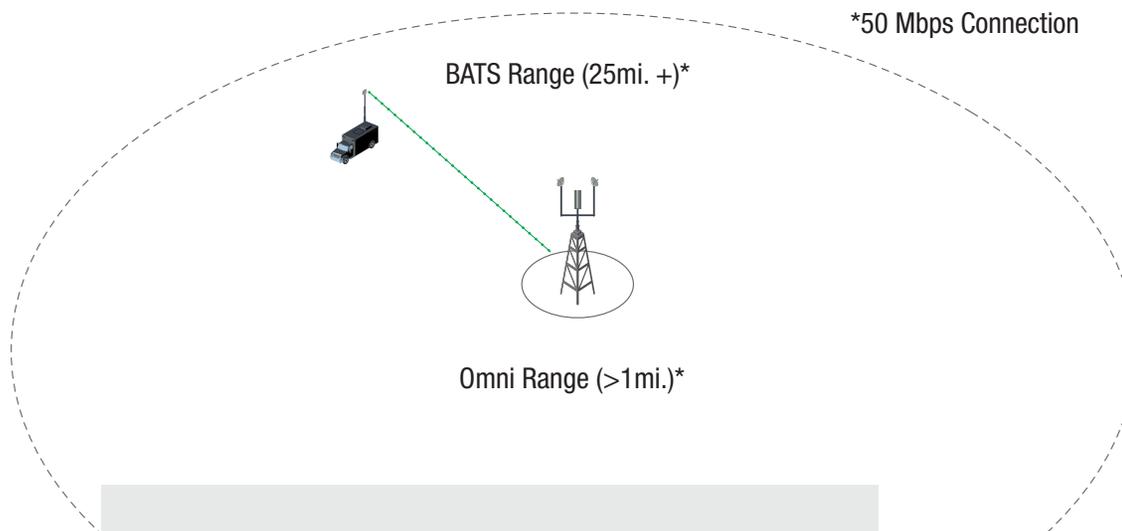
Lesia Dickson
Director of Emerging Technologies

TECHNOLOGY

Dynamic Links

BATS stabilized microwave systems enable dynamic point-to-point (PTP) or point-to-multipoint (PMP) wireless links, that can automatically adjust for movement; either due to environmental, situational, or requirement changes.

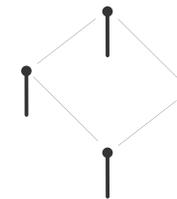
Our advanced systems provide organizations a stable and secure, high-bandwidth, private communication and data pipeline. Connectivity can be delivered either back to the network core, with mobile assets and structures in the field, or both. BATS delivers industry leading performance without the high recurring costs typically associated with competing satellite services, or the bandwidth and distance limitations of omni-antenna solutions.



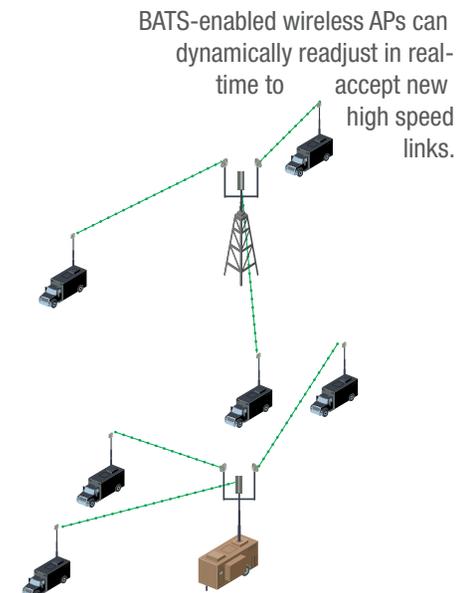
Directional microwave links, like those used in BATS-enabled systems, have proven ideal due to their longer range. Instead of saturating a small area with a wireless signal, these systems make use of signal power by directing the transmission to a specific recipient.

What this represents during a direct comparison is a high-capacity signal that is up to 20X stronger than any omni-directional system currently on the market.

Traditional VS BATS Wireless



Legacy static wireless APs are locked into a permanently fixed grid, unable to be repositioned without technical resources.



BATS-enabled wireless APs can dynamically readjust in real-time to accept new high speed links.

The nodes can also react to changes in the environment (elevation, obstruction, movement, etc.) automatically.