COMPANY OVERVIEW



Moving Wireless Forward®



INTRODUCTION

WHAT WE OFFER



What We Offer









Superior Antenna Solutions

Custom Design Services

Contract Assembly Services

Electrical, Mechanical, & Environmental Testing



Superior Antenna Solutions



Innovative Designs in Response to New Frequencies & Systems



Outstanding
Antenna
Performance &
Efficiency



Configurable
Cables, Mounts &
Connectors



Made-in-the-USA & United Kingdom



Custom Design Services



For Customization
Beyond Our
Flexible
Configurations



Accommodating Unusual Settings or Installations



On-Site Injection Molding, CNC & 3D Printing



Rapid Prototyping Capabilities



Contract Assembly Services



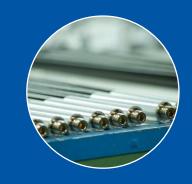
Final Assembly, Sub-Assembly or Kitting & Shipping



Build-to-Print Services or Custom Builds



Trained & Experienced Production Team



Professional US & European Based Manufacturer



Electrical, Mechanical, & Environmental Testing



Shock & Vibration Testing to Meet Industrial & Military Specifications



Hot & Cold Cycling; Water & Dust Ingress Testing



Anechoic Chamber for Antenna Characterization







INDUSTRIES

ANTENNA SOLUTIONS FOR EVERY NEED



Public Transit

Today's public & private buses rely on wireless connectivity for Fleet Management, Remote Telematic Monitoring & enhanced customer services such as onboard WiFi.

- Multiband antennas for Fleet Management
- In-bus antennas for Passenger WiFi
- Embedded antennas for Telematic Monitoring





Smart Highway

Ongoing C-V2X & DSRC trials for Connected Vehicles rely on a combination of vehicle-to-vehicle, vehicle-to-infrastructure & traffic management antennas.

- Dedicated 5.9 GHz antennas with optimized performance
- Multiband Fleet Management incorporating the 5.9 GHz band
- Roadside (RSU) & Onboard (OBU) antennas





Land Mobile Radio

Terrestrially based UHF & VHF networks are communication channels for Emergency Responders, Public Works, Construction, Utilities & the Military.

- Base Station antennas for infrastructure buildout
- Low-profile & Whip-style antennas for vehicles
- Broadband Yagi & Panel antennas for Point-to-Point





Precision Agriculture

Wireless Communications enhance agriculture productivity by making it possible to assess conditions & react with real-time information.

- Sensor Antennas to transmit moisture content & soil/air temperature
- Satellite & drone images provide real-time data
- Rugged vehicle antennas used for efficient fleet management





Heavy Construction

Large Vehicles create a challenging environment. The need for dependable wireless connections is paired with the ability to withstand the harshest terrain.

- Vibration Resistant & High Impact antennas for vehicles
- Infrastructure antennas for onsite private LTE networks
- Optimized GNSS equipment for remote location connection





Medical

The hospitals of the future will rely on the Internet of Medical Things (IoMT) allowing for smart medical devices, remote diagnostic & equipment tracking.

- Update records with real-time data from monitoring Antennas
- Track valuable mobile equipment, such as scanners
- Optimize fleet management of EMS teams
 & ambulances with multiband antennas





Military

A mixture of Military-band & COTS (commercial off the shelf) antenna solutions provide choices for rugged vehicles, remote control of drones & asset tracking.

- Rugged tactical mesh antennas with military mounts
- Customized antennas with flexible mount for drone control
- Multiband mobile antennas for LTE, WiFi, GNSS & Iridium®





Mining

Safety considerations have driven the efforts for dependable wireless communications with employees as well as with vehicle-to-vehicle communications for accident avoidance.

- Amplified antennas for enhanced omni-coverage
- Vibration resistant & high impact antennas for vehicles
- Infrastructure antennas for Private networks





Trains

Wireless communications are essential for both Commercial and Passenger trains, from Positive Train Control for Collision Avoidance to Onboard Passenger WiFi.

- Wayside antennas to communicate along the tracks
- Embedded Telematics help antennas monitor & control operations
- Wireless Digital Signage antennas facilitate instant updates





Utilities

Rugged & robust antenna solutions are essential to maintaining an effective chain from Smart Grid to Smart Meter, including all of the connection points in between.

- Sub-station antennas optimized for NEMA box enclosures
- Infrastructure antennas for communications along the grid
- Fleet Management antennas for service vans & outage crews





Industrial IoT

5G compatible antenna solutions will include mobile, fixed site & embedded antennas to facilitate IoT high-speed, high-data throughput applications.

- Broadband 600-6000 MHz antennas to cover Sub-6 band
- CBRS infrastructure antennas for Private LTE Networks
- Environmentally protected antennas for Remote Monitoring

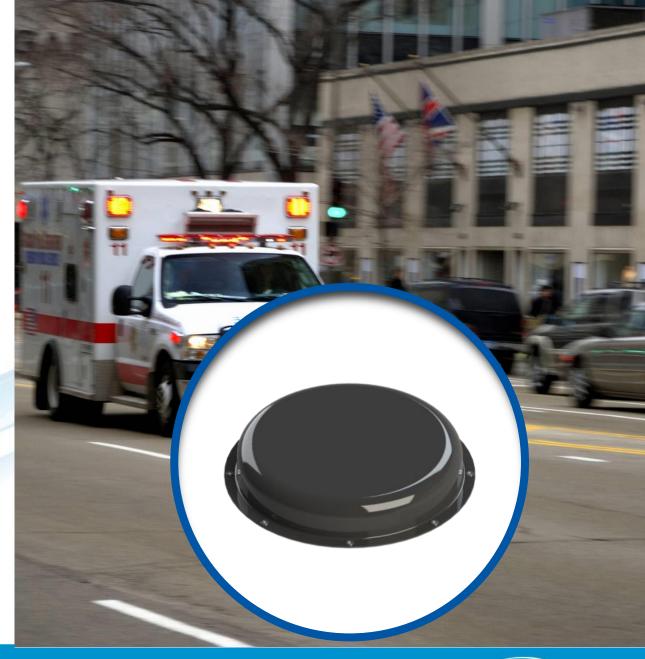




Public Safety

The next few years will see a continued mixture of both FirstNet & Land Mobile Radio (UHF/VHF). Single-band & Multi-band antenna solutions will help ease the transition.

- Narrow footprint Multiband Fleet Management antennas
- Combination UHF & FirstNet antennas in a low profile radome
- Wireless video hotspot antenna for highspeed WiFi









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