



MobileMark
antenna solutions

COMPANY **OVERVIEW**

Mobile Mark Designs & Manufactures Embedded, Device, Mobile, and Infrastructure Antennas for Wireless Applications from 30 MHz to 7.2 GHz.

INTRODUCTION

Founded in 1984, with roots in the CB Antenna industry, Mobile Mark was a pioneer in the early Cellular trials in Chicago. Over the years, our range of antennas has grown as the wireless industry evolved. Today, we design and manufacture antennas operating on frequency bands from 30 MHz – 7.2 GHz.

To service the Globe, we manufacture in both the US and the UK. Our Global Headquarters and R&D Center is located in Itasca, Illinois and our European Division is in Hednesford, UK. With deep roots in both communities, we have a committed and experienced work force, as well as strong ties with our local vendors.

We pride ourselves on developing cutting-edge antenna designs that keep our customers prepared for both today's wireless services as well as tomorrow's. Our Engineering Technical Center is one of a kind and is the heart of our product innovation. We are able to take a project from initial idea through to full production.

WHAT WE OFFER



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

Shock & Vibration Testing to Meet Industrial & Military Specifications

Hot & Cold Cycling; Water & Dust Ingress Testing

Anechoic Chamber for Antenna Characterization



...we'll help you EXCEED
your customers'

EXPECTATIONS



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 & M2M

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 FR1
- CBRS (C-Band) 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 low profile radome
- Wireless video hotspot antenna for highspeed WiFi



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
- Farm Management & Control using Robotics, RFID, & WiFi.
- 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 Cellular, 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

Let us Partner with you to ensure your Wireless System Performs at its BEST



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 antennas with 5G Sub-6, WiFi 6E, 5.9 GHz & GNSS
- 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

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