



Added Value To
**Antenna
Manufacturers**





PathFinder specializes in the technical management of programs to develop satellite ground terminal solutions to meet the unique and particular needs of each project, primarily for military and government agency programs.

We are mobile satellite ground terminal SMEs that function as the customer's or prime contractor's satellite communications engineering and program management team.

ABOUT US

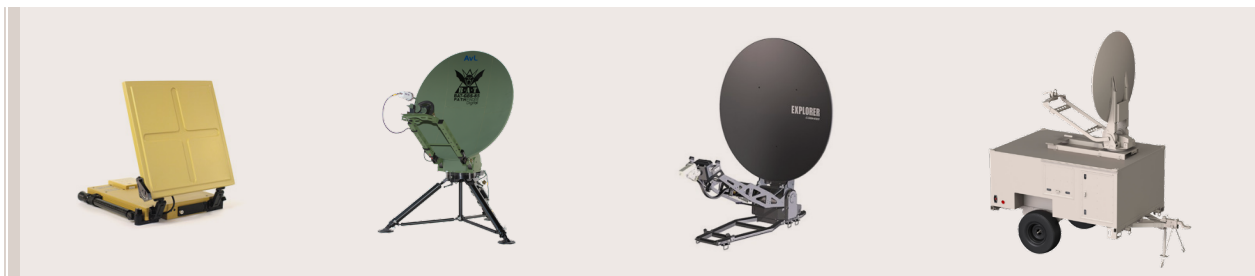
PathFinder has a unique relationship with its antenna vendors. PathFinder evaluates the plethora of antennas available in the industry and then selects the best antenna for each given project. PathFinder builds upon the antennas to develop a complete terminal design meeting the specific criteria of the customer. PathFinder has a strong track record on developing custom satcom solutions that balance cost-effectiveness with precision and durability for our customers. We specialize in working as a trusted partner to antenna manufacturers by performing the rigorous work involved in identifying and modifying off-the-shelf antenna systems best able to meet unique program specifications (CONOPs).

You as antenna manufacturers also benefit by partnering with PathFinder. Instead of draining your resources on developing custom solutions that align with CONOPs of major programs, you can focus on your standard products – and rely on PathFinder to manage the R&D regarding modifications required to tailor your products for major programs.



SOLUTIONS

Due to our small size and low overhead, PathFinder is able to quickly and inexpensively modify COTS products to develop prototype solutions tailored to meet each customer's need with low pass-through. PathFinder's program management and engineering team also manages the integration of the MVSAT solutions into the physical environments defined by the programs' CONOPS, as well as the satellite networks the terminals will operate on. We are the bridge between antenna manufacturers and the successful implementation of their products into programs.





PathFinder Digital provides an array of value-added services to government agencies, prime contractors, and antenna system manufacturers.

VALUE-ADDED SOLUTIONS

COMPLIANCE/CERTIFICATION

- » MIL-STD-810
- » MIL-STD-1472
- » MIL-STD-188-164
- » MIL-STD-1275
- » MIL-STD-461
- » Other MIL-STD/SPEC
- » DD-1494
- » U.S. Army Forces Strategic Command (ARSTRAT)
- » Commercial Satcom Type Approvals
- » Federal Acquisition Regulation (FAR) & DFAR
- » National Institute of Standards and Technology (NIST)
- » Defense Information Systems Agency (DISA)

ENGINEERING

- » Custom power supplies & alternative power systems
- » Amplifier integration (BUCs, HPAs, TWTs, etc.)
- » Modem integrations, multi-modem designs
- » Network architectures including hardware (routers, switches, etc.)
- » RF Redundancy
- » Custom Graphical User Interfaces
- » Antenna Control Systems
- » HAIPE device integration
- » Outdoor Units (ODU) & Indoor Units (IDU)
- » Custom cabling, connectors, I/O panels
- » Impedance matching
- » OpenAMIP systems
- » VoIP/ATA telephony
- » Interoperability with interfacing configuration items (CIs), support equipment, and software
- » Custom interfaces to vehicles or humans
- » Technology Readiness Level 1 through 9



SERVICES

- » Custom case integration/pack-out design
- » MIL-STD-2073-IE
- » MIL-STD-61A
- » MIL-STD-129R
- » Lightweight specifications



PACKAGING

- » Custom case integration/pack-out design
- » MIL-STD-2073-IE
- » MIL-STD-61A
- » MIL-STD-129R
- » Lightweight specifications



CUSTOMERS

PathFinder is privileged to serve the U.S. Armed Forces; a multitude of United States agencies at the federal, state and local levels; top prime contractors; and a variety of commercial companies. We take great pride that these organizations trust PathFinder with their mobile ground terminal satellite communications needs.



Contact & Support

PathFinder maintains a 24/7 call center to provide around the clock support to its satellite data service and hardware customers. PathFinder also provides Tier I, II, and III technical support on a contract basis on behalf of third party hardware and space segment providers.



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