



Added Value To
**Antenna
Manufacturers**





PathFinder Digital works with COTS antenna manufacturers to modify and enhance their satellite terminals to meet the specific needs/MIL-SPECs of individual government programs. We ensure compliance with the requirements of the target program and operation compatible with the program's Concept of Operations (CONOPS). PathFinder designs, fabricates, and integrates these enhancements at the lowest possible price.

ABOUT US

PathFinder builds upon its partners' antenna designs to develop enhanced terminals meeting the specific criteria of each individual 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 modifying antennas/terminals to best meet each unique program's specifications, CONOPS, and MIL-STD requirements.

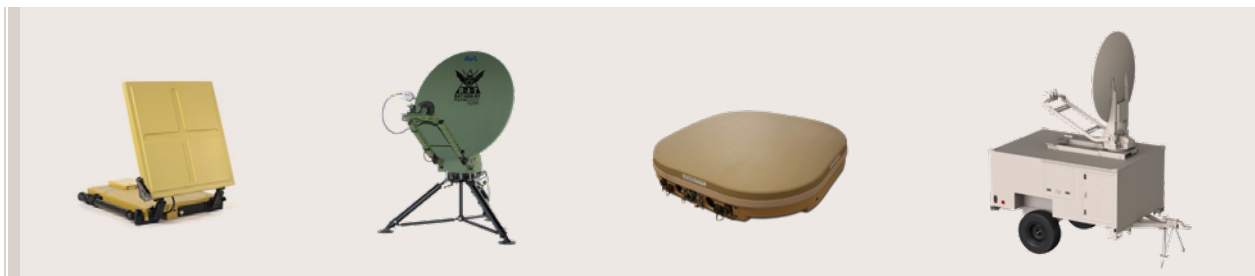
PathFinder has a strong track record on developing custom satcom solutions that balance cost-effectiveness with precision and durability for our customers. We specialize in working as a trusted partner to antenna manufacturers by performing the rigorous work involved in identifying and modifying off-the-shelf antenna systems best able to meet unique program requirements.

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
- » NIST SP 800-171
- » Implementing
- » CMMC ML2

ENGINEERING

- » Custom network architectures
- » Custom power supplies and power systems
- » Custom modem interfaces
- » Amplifier integration
- » Modem integration
- » RF Redundancy
- » Custom Graphical User Interfaces
- » HAIPE device integration
- » Custom cabling, connectors
- » Custom I/O panels
- » VoIP/ATA telephony
- » Custom interfaces to vehicles or humans



SERVICES

- » Engineering Services (NRE, R&D)
- » Operation and maintenance manuals
- » Provisioning Documentation
- » Interchangeability, sustainability, and EOL management
- » Resets
- » Repair
- » Maintenance
- » Field services
- » Call center
- » Safety and health hazard mitigation
- » Training



PACKAGING

- » Custom case integration/pack-out design
- » Lightweight specifications
- » Airline checkable systems
- » Mobile/transportable systems
- » MIL-STD-2073-IE
- » MIL-STD-61A
- » MIL-STD-129R
- » IUID Labels



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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