



*Added Value To*  
**Prime  
Contractors**





*PathFinder specializes in the development of satellite ground terminal solutions engineered to meet the unique and particular needs of each project, primarily for Military and Government Agency programs.*

We identify or develop the best satellite ground terminal solutions to meet the objectives of each set of requirements, including red/black architectures. PathFinder uses the best available products, re-engineered or developed if necessary, to create the most effective and cost beneficial communications solutions for its customers.

## SOLUTIONS

We identify the best available products, re-engineered or developed if necessary, to create the most effective and cost-beneficial RF and Free Space Optical satellite ground terminal solutions.

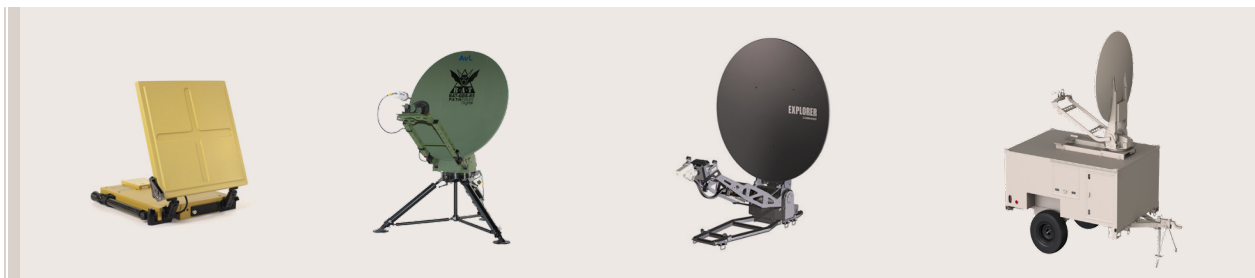
Due to our small size and low overhead, PathFinder is able to quickly and inexpensively develop solutions tailored to meet each customer's need with low pass-through. PathFinder is well known for providing solutions and managing programs for less than most Prime Contractors can provide internally.

PathFinder is agnostic to antenna and component suppliers, enabling us to choose "best of class" equipment, whereas our competitors push their own antennas/products even when it's not the perfect fit. Due to our extensive network of industry partners, PathFinder has the skills to develop solutions when none otherwise exist in the industry. When we develop products, our non-recurring engineering (NRE) efforts are typically self-funded.



Our partners also rely on our strong Program Management capabilities. Not only do we develop, provide, and support MVSAT solutions – we also provide stellar customer support. We go the extra mile to manage MVSAT development, transition, and integration issues (including integration into SatCom networks).

Bring PathFinder your unique needs. PathFinder will bring you great solutions.





*PathFinder Digital provides an array of value-added services to Government Agencies, Prime Contractors, and antenna system manufacturers.*

## VALUE-ADDED SOLUTIONS

We have 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 Government/Military agencies and Prime Contractors, by performing the rigorous work involved in identifying and modifying off-the-shelf antenna systems to their unique program specifications (CONOPs). Time and again, our ability (as a small business) to make quick decisions and perform rapid prototyping has proven invaluable to our partners.

### 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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