



Communications Technology

Unmanned System Support

UAV Communications provides unique expertise in long-haul communications and video expertise to support the unmanned aerial system/vehicle (UAS/V) missions. We are intimate with the Predator Operations Cells (POCs) at Nellis AFB, NV, Creech AFB, NV, and March ARB, CA. We understand the POC's requirements for command, control, communications, computer systems, intelligence and weather support to the aircrews in the Ground Control Station (GCS). We have qualified technicians to maintain and support the communication and networking interfaces between the Predator Ground Control Station (GCS) and the rest of the world. Additionally, we have the expertise to assist with the architectural development of the the POC's Intelligence, Weather, and other voice & data communication links that provide situational awareness to the Predator pilot and sensor operator within each GCS. UAV Communications can assist in the installation and maintenance of the communications and data links required to connect a GCS to an aircraft via Remote Split Operations (RSO) – allowing a pilot in a geographically separated location to fly aircraft anywhere in the world in real time. We can also provide assistance in connecting the GCS to various Command & Control (C2) elements within the theater of operations.

Communications Systems and Protocols

UAV Comm personnel have decades of experience in operating, maintaining and managing all forms of communications systems and media. From satellite communications to High Frequency (HF) and VHF/UHF; from coaxial and twisted pair to fiber optic cable; from line of sight narrow-band systems to long-haul communications troubleshooting and management of high speed circuits and trunks around the globe; from Asynchronous Transfer Mode (ATM) to frame relay to Internet Protocol (IP), our people have managed and mastered the technologies to enable UAV Comm to deliver unparalleled communications expertise to each of our customers.

Full Spectrum Support

UAV Comm maintains a core team of skilled engineers and technicians with education, training, and experience in all facets of communications systems support. The breadth of our experience covers each element of major system development including engineering & design, installation, systems integration, program management, and around-the-clock operations & maintenance of local and long-haul systems support. This breadth of expertise and experience allows us to offer full range turn-key services to our customers around the world.

POC: Bob Fitzgerald