

Predator® XP SATCOM Data Link Persistent ISR



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L3's Predator® XP SATCOM data link subsystem provides real-time over-the-horizon Intelligence, Surveillance and Reconnaissance (ISR) data to help ensure mission success. Our SATCOM subsystem uses commercial geostationary satellites to facilitate full-duplex SATCOM linking of the Predator XP UAV to the remote control facility. The command link provides real-time control and data. The return link transfers real-time payload data, such as High-Definition (HD) EO/IR motion video.

Predator® XP SATCOM Data Link Persistent ISR



Product Description

The Predator XP ISR Communications System will typically include:

- I. Predator XP UAV, fully equipped with sensors, ATC radio, Line-of-Sight (LOS) data links and SATCOM. The SATCOM data link is the subject of this data sheet.
- II. Transponder lease(s) on commercial geosynchronous satellites.
- III. Local and remote control equipment, including a transportable Satellite Earth Terminal Subsystem (SETSS) (IESS-208, Type E2) with full-duplex receive and transmit capability. Equipment would include full connectivity to voice communications. Remote pilot accomplishes Air Traffic Control (ATC) with authorities near flight path via data links and onboard AN/ARC-210 radio.



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