L3’s Universal Ground Data Terminal (UGDT) is the standard ground configuration for U.S. Army UAVs. Our UGDT incorporates a primary link and a secondary link for Line-of-Sight (LOS) communications, and couples the power of modularity and scalability with the rewards of parts commonality and packaging flexibility.

Key Features

- Architecture supports theater-wide networking
- UGDT includes:
  - Ku-band primary link and a UHF secondary link
  - LOS capability
- LOS communications
  - STD-CDL to 274 Mbps
  - Bandwidth-efficient modes to 10 Mbps
Universal Ground Data Terminal (UGDT)

Product Description

L3’s UGDT allows warfighters with broadband data, voice and video services to connect to airborne assets using LOS communications of up to 274 Mbps. Our UGDT leverages L3’s third-generation TCDL architecture of Common Modules (cPCI), Common Module Carriers and an extensive family of RF and antenna solutions. Using an antenna that is capable of both RF tracking and navigation tracking, the UGDT forms the most interoperable and scalable system in the military’s broadband networking inventory. As part of the UGCS, our UGDT is the primary surface communications component for PMUAS and the U.S. Army’s fleet of UASs. Interoperability with numerous data link products including CDLs, TCDLs and ROVER™ products demonstrates its proven capability.

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