Telemetry Products

Airborne & Ground Telemetry Products and Turnkey Solutions for Flight Test Data Reception & Recovery | Launch Vehicle Support Complete Network Infrastructures
L3 Telemetry & RF Products (L3 T&RF) offers the broadest range of airborne & terrestrial technologies and products available in today’s marketplace. Our end-to-end system design capabilities cover both the flight and ground segments, providing flight test data reception and recovery, launch vehicle support, satellite monitoring and complete network infrastructures. This enables us to develop and implement complete turnkey solutions customized for our commercial and U.S. DoD customer needs.

**TELEMETRY PRODUCTS**

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**DATA ACQUISITION – ENCODERS**
- PCM330E
- NetDAS

**DATA LINKS**
- MICRO SDDL

**TRANSMITTERS/TRANSCEIVERS**
- CSS-905A
- HRT-920
- ST-800
- ST-5000

**IA/COMSEC**
- Custom Embedded Solution

**RECEIVERS | BIT SYNCS**
- RCB-4000
- DMTS-4007
- BSZ732-PCI

**FLIGHT TERMINATION**
- AFTR-925

**DECOM PROCESSING | VISUALIZATION | DATA MANAGEMENT**
- System 550
- Avalon®
- MFT1000
- MFT-800
- Vista™ Enterprise Software
## Complete Customized Turnkey Solutions!

### CORE CAPABILITIES

**EMBEDDED ENCRYPTION**
- Latest-generation approved encryption algorithms

**CUSTOM SYSTEMS/SUBSYSTEMS**
- Custom designs for specific applications
- Integrated subsystems designs (e.g., munitions programs)

**HARDWARE DEVELOPMENT**
- PWB, RF, FPGA and DSP designs
- Mechanical/environmental engineering

**PACKAGING FOR SEVERE ENVIRONMENTS**
- Shock, vibration, EMI, etc.
- Signal Acquisition/Conditioning

**SOFTWARE DEVELOPMENT**
- Windows® and Linux
- VxWorks real-time software, Java, C and C++ development
- Communication/Internet protocols

**MANUFACTURING**
- PWB/hardware assembly, quality control
- Supplier management and relations

**SYSTEMS INTEGRATION**
- Requirements definition, third-party integration
- Custom software and hardware engineering
- Factory acceptance testing

**PROGRAM MANAGEMENT**
- Project/configuration management
- Design reviews, custom documentation
- Acceptance test planning

**CUSTOMER SUPPORT**
- Installation, standard and customized training
- Maintenance plans, on-site support, applications engineering
L3 Telemetry & RF Products is a full-service manufacturer of state-of-the-art communication and telemetry solutions for space, airborne, terrestrial and maritime applications.

Our integrated solutions combine latest-generation technologies and proven processes for defense, intelligence and government agencies, as well as international and commercial organizations.

We partner with customers, industry and academia to develop innovations that reduce costs and improve performance.