



COCKPIT VOICE & FLIGHT RECORDER DATA INTERFACE (RDI)

Software solution for high-volume data retrieval

SECURE, EASY-TO-USE SOFTWARE ENABLES DATA REMOVAL QUICKLY WITHOUT REMOVING THE RECORDERS

The RDI Software provides users advanced download capabilities for retrieving voice and flight recorder data from the aircraft securely and quickly. The RDI can be provided on a tablet or delivered as a software option. This innovative tool enables you to access and retrieve and download a large amount of data.

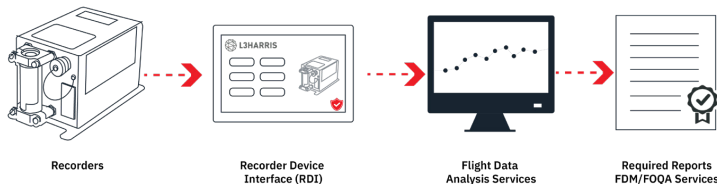
The intuitive user interface and easy workflow menus do not require special training to perform key tasks. It enables operators to quickly retrieve cockpit voice, datalink, flight data, and fault logs without removing the recorder from the aircraft. In addition, there are live monitoring features that can be used to quickly validate the audio channels/microphones and the FDR data parameters for real-time troubleshooting on the aircraft.

Various license options are offered to convert files to standard formats for analysis. Additional options allow operators the ability to transfer the files to the flight department as well as upload them to secure on-line portals. The secure file formats include .wav files for the audio channel, .dlk for datalink and various A717 formats for flight data.

Additionally, the secure files can be transmitted to L3Harris Data Services through an optional subscription for fast turnaround times for audio intelligibility and regulatory checks the FDR data, as well as Flight Operations Quality Assurance (FOQA) programs.

L3HARRIS EXPRESS READOUT AND FLIGHT DATA CONNECT SERVICES

Operators can subscribe to the secure, Cloud-based L3Harris Express Readout services, a patented automated verification of data from the flight data recording devices. The easy-to-use service enables users to upload, analyze and access mandatory reports and multiple flights simultaneously. It provides the most rapid solution for providing readout and intelligibility reports within hours, which meets ICAO, EASA and FAA mandates. Additional services include Flight Data Connect, which provides the capability for analyzing Flight Data Monitoring (FDM)/Flight Operations Quality Assurance (FOQA) parameters and aligning real events to the airline's Standard Operating Procedures (SOP).



- > Provides data protection and security
- > Minimizes data storage needs
- > Reduces training costs
- > Enables fast data analysis
- > Reduces in-house staff needed for recorder analysis
- > Uses simplified, logical work flow-driven menus
- > Enables specific recorder diagnostics:
 - Status of FDR, CVR and DataLink functions
 - Live audio & FDR data monitoring
 - Retrieve recorder fault logs

SPECIFICATIONS

SPECIFICATIONS	
RDI Software Functionality	
Data Download from Recorders:	Time, Marker and Full
Live Monitoring of FDR Data:	Raw Values
Live Monitoring for CVR:	Microphone Audio Checks *
RDI SW Maintenance with Data Center Software with Data Protection/Conversion	
RDI Software	
SRVIVR25 Base Support:	17TES0950
Annual SW Maintenance and Data Center Options:	17TES0951 – 1 Year Term 17TES0952 – 3 Year Term 17TES0953 – 5 Year Term
SRVIVR25/FA2100/FA5000 Base Functionality:	17TES0960
Annual SW Maintenance and Data Center Options:	17TES0961 – 1 Year Term 17TES0962 – 3 Year Term 17TES0963 – 5 Year Term
Host computer minimum specifications	
Windows 10, 64bit	
Native Ethernet RJ-45 port rated at 1Gbps	
At least 2GB RAM	
At least 64GB hard drive	
Display capable of 1024x768 or greater	
Cables	
P/N 024E6639-01 3-meter GSE cable for SRVIVR25:	Military circular connector MIL-DTL-38999 Series III to the recorder RJ-45 connector for ethernet port of computer alternate cable: 024E6639-02 5-meter GSE cable for SRVIVR25
P/N 17TES075 CICC/3 Cable for FA2100:	Serial ATE port connector to the FA2100 Recorder and RJ-45

FLEET ADAPTABILITY

The RDI software currently supports the entire line of L3Harris SRVIVR25 family of cockpit voice and flight data recorders, as well as the FA2100 and FA5000 products.

Recorder Data Interface

Connection Status: **CONNECTED**
Model Number: Model 7100 CVDR
Tail Number: N320AB

Hours:
Minutes:

Verify Tail Number

Recorder Data Interface

Connection Status: **CONNECTED**
Model Number: Model 7100 CVDR
Tail Number: N320AB

Enter Tail Number:

N 3 2 0 A B

Current Tail Number = N320AB

Start Download

Recorder Data Interface

Connection Status: **CONNECTED**
Model Number: Model 7100 CVDR
Tail Number: N320AB

Frame Count: 8

Word #34 : 81E Word #49 : 82D
Word #332 : 948 Word #88 : 854
Word #5 : 801 Word #123 : 877

Decimal Binary Hex Octal

RDI

© 2021 L3Harris Technologies, Inc. | 07/2021



This document consists of basic marketing information that is not defined as technical data under EAR Part 772. L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.