



## Software Development Kit for Embedded ARINC 615A Data Loaders

The AIT A615A-LDR-SDK is an ARINC 615A data loader suite of software which can be integrated into user applications to provide support for ARINC 615A-1, 615A-2, and 615A-3 load operations. The A615A-LDR SDK provides C/C++ application programmer interfaces (API) for both trivial file transfer protocol (TFTP) and ARINC 615A. The A615A-SDK API's are provided with full user documentation and sample (source) applications.

### OPTIONAL EMBEDDED DATA LOADER SERVER

The AIT A615A-LDR-SDK also provides an optional embedded web server which can be used to provide a browser based user interface (GUI) to the embedded data loader. The simple, intuitive, and easy to use HTML based UI can be operated from any type of device (tablets or laptops) with a standard web browser to execute load operations (FIND/SNIP, UPLOAD, DOWNLOAD, & INFORMATION). With the embedded web server, the AIT A615A-LDR-SDK provides a complete software data loader solution that can be easily integrated into a variety of existing on-board systems to provide a cost effective on-board data loader solution.

### ORDERING INFORMATION

#### PN: A615A-LDR-SDK-WIN

ARINC 615A embedded data loader development kit for windows. Includes ARINC 615A and TFTP C/C++ API libraries including header files, import libraries and binary runtime executables (DLL). Also includes full documentation and source code sample applications.

#### PN: A615A-LDR-SDK-LIN

ARINC 615A embedded data loader development kit for Linux. Includes ARINC 615A and TFTP C/C++ API libraries including header files, shared objects (.so). Also includes full documentation and source code sample applications.

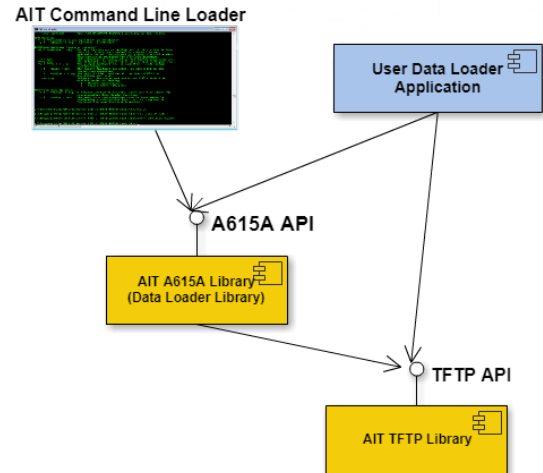
Note: Additional operating system support on request. Contact AIT for details

### ORDERING OPTIONS

#### -SVR

Adds the embedded data loader browser based User Interface (UI) server.

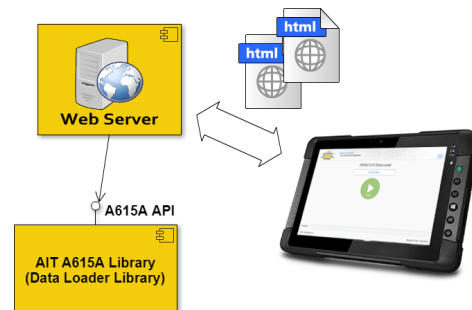
[info.Aviftech.com/A615A-Embedded](http://info.Aviftech.com/A615A-Embedded)



### ARINC 615A-LDR-SDK Libraries

### Key Features

- High Level C API for A615A Operations
  - UPLOAD
  - FIND/SNIP
  - INFORMATION
  - DOWNLOAD
- High Level C API for TFTP operations (both Client and Server)
- Full support for ARINC 615A-1, 615A-2, & 615A-3
- Available for Windows & Linux (other OS on request)
- Optional embedded data loader web server available
- ARINC 615A-1, 615A-2, and 615A-3 Supported
- Command Line Data Loader application also provided for scripted/batched operations
- Source code sample applications and complete



### Embedded Data Loader UI Server