

A615A DevStation™

ARINC 615A -1/-2 PC-Based Development and Data Loading Station



- Including ARINC 655/615A Media Creation and Inspection Tools and ARINC 615A Ethernet NetLoader™
- Complete 615A Data Loading/Development Solution
- Create and Inspect ARINC 665 Media Sets for 615A Data Loading





techSAT

mastering
realtime
complexity

DevStation™ ARINC 615A -1/-2 PC-Based Development and Data Loading Station

General

The TechSAT DevStation™ (Development Station) is a PC based desktop data loading station for development, testing and loading of ARINC 615A target hardware LRUs.

It comes complete with an extensive ARINC 665 Tool-Set™ utility for creation, formatting and testing of ARINC 665 media sets from user raw software payloads.

DevStation is supplied with all required utilities to provide a complete development capability for 615A LRU development, 615A load testing and device data loading.

ARINC 665 media can be created, inspected and managed for distribution using the included MediaCreator and Medialnspector utilities.

In short, the DevStation is a one-stop 615A data loading/development tool with full support of ARINC 665 media. It also provides the ideal shop tool for in shop support of 615A LRUs/LRMs.

DevStation™ Development Benefits

- > Fast and efficient avionics development and testing
- > Optimum load and throughput configuration development using SimLRU Tool (optional)
- > Error injection simulation and testing
- > ToolSet creates and inspects 665-compliant media for development and testing use
- > Perform test and development on same tools available for airline ground support maintenance

Supported ARINC 615A/665 Data Loading/Media Implementations

- ATS-1 TechS.A.T (Pure ARINC 615A-1)
- ATS-1.5 Airbus, Honeywell (ARINC 615A-1, Airbus implementation)
- ATS-2 TechS.A.T/Boeing, Honeywell (ARINC 615A-2)
- ATS-3 TechS.A.T (ARINC 615A-3, >>Preliminary<<)

DevStation™ PC Hardware / Software

- > PC Based Development Station: 1.3 GHz processor, 512 MByte RAM, 60 GByte hard drive (or better)
- > Linux operating system standard (Windows 2000 optional)
- > Micro Tower or Micro ATX Tower form factor versions available

- > Floppy disk drive/CD ROM/Writer standard; DVD Writer optional
- > RJ45 Ethernet Output; ARINC 664 compliant ARINC 615A 53 pin output connector/cable optional
- > TechSAT NetLoader™ 615A Data Loader Utility
- > 615A/665 ToolSet, including Medialnspector™ and MediaCreator™
- > Optional: ARINC-615A via AFDX

DevStation System Variations, Accessories and Part Numbers

- DEV-SLR-001 Mini tower form factor DevStation (supports full height PCI cards)
- DEV-SLR-002 Micro ATX form factor DevStation (supports half-height PCI cards)
- DEV-SLR-003 Portable DevStation (supports one full-height PCI card)
- CBL-200-001 53 pin 615A Data Loading Cable (per ARINC 664 specification)
- CBL-100-006 53 pin 615A/615-3/-4 Data Loading Cable (per ARINC 664/615-3 specification)

NetLoader™ retrieving LRU FIND information on an aircraft network

