



ZEUS for Windows

*Only usable with Airflair's SOAR range of databus analysers

The ZEUS software suite is Airflair's flagship avionics databus analyser product, supporting Airflair's extensive range of USB connected databus testers. It provides a turnkey solution with a simple to use interface, significantly reducing integration and test times. The software is provided FREE of charge when you buy one of our testers and can be used with ARINC 429/561/573/717 and MIL-STD 1553 databus protocols.

Key Benefits & Features

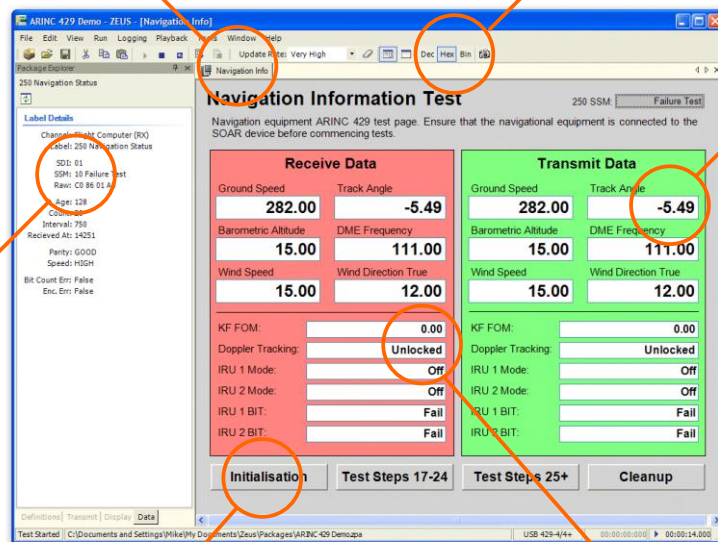
- Multi-protocol Support
- Engineering units
- User definable, real-time displays
- Full Logging & playback facilities
- Cyclic transmit scheduling
- ICD import/export facilities
- Databus search functions
- Intuitive Windows interface

Multiple pages, multiple screen windows and multiple monitors supported

Intuitive and easy to use GUI interface gets you up and running in minutes!

Simple, clean display showing your important databus information as you've defined it.

Editing controls for changing transmit data atomically whilst a test is running.



Button controls for performing simple scripting actions for production use.

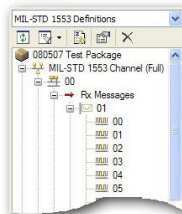
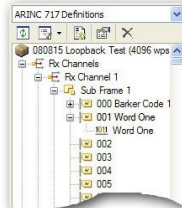
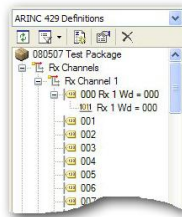
A variety of real-time interface controls for data representation including: Textboxes, LEDs, Charting, Images etc.



ZEUS 3.x Features

Intuitive Interface

For anyone involved in the avionics industry, testing is an important and time consuming process. ZEUS reduces testing and integration times by providing a rich, easy to use application for real-time monitoring and stimulation of your databus. Supporting all the standard Windows features such as a familiar tree view navigation, drag and drop, cut and paste, command line control etc.



Operation

Operation is simple. Plug-in your Airflair USB device, load the ZEUS software, drag onto a display page the parts of the databus you wish to monitor – hit Start Test. *It's that simple!**

*More advanced options are available for easily defining data item conversion types, transmit cycles & attractive display pages.

Analysis

Post analysis tools are provided to convert your log files into XML using various data filters. These can then be transformed into any format using standard XSLT.

Support

FREE ZEUS support is provided. Frequent updates are available from our website and we welcome customisation and/or integration into your systems.

Hardware

ZEUS is provided FREE of charge to users of our range of USB connected databus testers. Each tester has multiple channels, supports 1 or more protocols and is fully portable (bus powered).



Airflair

To complement all our products Airflair provides a comprehensive solution to all your testing needs, from requirements capture to on-site support and training. Please contact us to find out how we can help.

Technical Data

ARINC 429/561

- All 256 definable Labels
- SSM & SDI Support
- Up to 8 transmit sets
- Label level logging
- 19 different engineering unit conversion types

ARINC 573/717

- Full frame & sub frame definition
- All speeds supported (32 – 4096wps)
- Unlimited transmit sets
- Synchronisation signal and function generator
- Word level logging

MIL-STD 1553

- Complete 32 RT definitions and emulation (inc. broadcast)
- BC->RT, RT->BC & RT->RT message types
- Mode code support
- Unlimited transmit sets
- Message level logging

Display

- User definable displays
- Real-time editing of transmit data whilst in operation
- Tabular data views
- Databus search facility
- Add-in architecture for displays
- Multiple monitor support

Logging & Playback

- Filterable logging
- Compact binary format
- XML export available with transforms to any format
- On-screen log file playback
- Log event markers and notes with screen captures

System Requirements

- Windows 2000/XP/Vista/7
- 1 GHz 32-bit processor
- 1 GB system memory
- 20GB hard drive
- CD-ROM drive

