

Alta's avionics analyzer product, **AltaView**, provides the most modern technologies for MIL-STD-1553, WMUX and ARINC-429 network activity and data analysis. **AltaView** reduces integration and test time – saving your project time and money.

The screenshot displays the AltaView Bus Analyzer interface. At the top, there's a ribbon menu with sections for Configuration, Receive, Transmit, and PDF Documents. Below this, there are several windows: 'RX Control Panel' and 'BM Control' for channel management; 'Discovery' windows showing network data trees for SIM-A429 and SIM-1553; 'Control' panels for 'Stop BM', 'Current Value', 'Clear Counts', 'Snapshot Viewer', and 'Activity'; and 'Signal Viewer' windows showing waveforms for 'A429 Signal Viewer' and '1553 Signal Viewer'. A 'Current Value' window shows frequency and message details.

**Multi-Protocol Controls: Easy to Use Ribbon-Bar Menus. On Line Docs, ICD/EQID XML Editing.**

**Auto Discovery and Parsing of Network Data – Quickly See 1553 & ARINC Bus/Link Status**

**Full Archiving with Filters/Triggers. Snapshot Viewing. Post Analysis.**

**Real-Time CVT Displays and Parameter Data Tables for EU Conversion: Multi-Tab Views.**

**Signal Capture!! See the ARINC or 1553 Waveform – Ideal for Test and Maintenance**

The screenshot shows the 'BM Snapshot Viewer' window for SIM-1553 Bd 1 1553 Ch 1. It features a 'Messages' list on the left with columns for message number, time, and status. A 'Command' table is visible in the center, and a 'Statistics' table is on the right. The 'Statistics' table shows the following data:

Statistics	
# Messages:	29
Bus A:	26
Bus B:	3
# No Responses:	1
Bus A:	1
Bus B:	0
# Errors:	1
Bus A:	0
Bus B:	1

**Key Features of AltaView**

- Intuitive Look-and-Feel Design Using the Microsoft Office User Interface Style with XML Setup Files
- Comprehensive View of Bus Activity, Error Detection and Traffic/Loading Statistics
- Full Data Archiving to Hard Disk with Filter and ASCII Conversion Utilities
- Signal Waveform Viewing!!
- Monitor, BC, RT, RX/TX ARINC and Playback Operations
- Error Injection/Detection Capability
- Independent Channel Operations – Run **AltaView** on one channel while running your application on another channel.
- IRIG-B and Ext Clock Synchronization for Time Stamps and Playback
- Excellent Documentation with 1553/ARINC Standard References and XML Setup Files
- **Post Analysis (File Viewing and Reduction) is FREE. Copy AltaView to ALL machines as desired without cost.**
- **Windows XP/2003/Vista/7/10/11**

### Advanced BC/CIU

- Framing
- Add/Delete Messages
- Multiple Buffers per Message
- Error Injection per Message
- Loop Count Control

### Advanced ARINC TX

- Label Scheduling
- Add/Delete Messages
- Error Injection
- Loop Count Control

### Full Playback Control

- Replay Archived Messages
- Test RTs/LRUs with Known System Recordings
- Loop Control
- Hardware Sync 1553 and 429 Channels/Cards



### Multiple RT/RIU Simulation

- 31 RT Setup in Only Two clicks!
- Auto-Wrap RX-TX Buffers
- Add Individual SA Buffers as Desired
- Full Legalization to Word Count and Error Injection Per Message

### Ordering Information

- Add **“-A”** Suffix to Device Part Number, or Order Part Number: **AltaView-000-001**
- **–F** Devices Provide Full Functionality. **–D** Models Only Support Full BC/BM or RT/BM.
- **See Appendix E of AltaView Manual for Table of Free/Paid Functions for -F and -D Models.**
- **Software may be copied to all machines without cost!**

### AltaView Simplifies System Integration and Test

- Download Upgrades Via Alta Web Site – Unlimited Free.
- XML Setup Files Allow External Configuration
- Windows XP/2003/Vista/7/10/11 – 1GByte/System RAM
- **Limited/Basic BMRX and BC/TX Functions are FREE!**
- **All Post Analysis for File Viewing/Reduction is FREE!**

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