

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.

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

BM Snapshot Viewer - SIM-1553 Bd 1 1553 Ch 1

Messages

```

MESSAGE #18
(0)00:00:00.170.000.000 IM Gap: 9320
BUS A - CMD:1820 (3-R-1-32) ECRT
70D9 877A 811D 0B65 594A F8A0 4979 98D9
E9F3 1DBD 0A4B 2146 5A3A 4543 DF73 521A
7D05 32B6 19B8 53D4 58A9 C889 BB78 8A15
B478 AD85 141A 8485 0D5E 409D C7F6 6F16
Rsp Time 5.5us STS:1800
Message Time = 685.5us

MESSAGE #19
(0)00:00:00.180.000.000 IM Gap: 9320.5us
BUS A - CMD:0820 (1-R-1-32) ECRT
3670 C882 5878 CD05 B6F9 571A 85D0 24E3
C106 CCB1 02D0 3210 08BD 2908 A116 A88A
A1F7 5D71 84CD 8B84 707F A64B D401 F707
568C AD85 E491 94F4 687B A355 55C7 9B04
Rsp Time 5.5us STS:0800
Message Time = 685.5us

MESSAGE #20
(0)00:00:00.190.000.000 IM Gap: 9320.1us
BUS A - CMD:1820 (3-R-1-32) ECRT
0ED3 1671 F99C B1C7 78C0 C2D1 7904 33C5
09C8 E879 8744 8268 A1B7 EB12 1368 64D9
9398 6184 C849 A8E9 F7F0 9025 F481 6176
7618 0B54 7288 50DB 9969 1870 771A 679B
Rsp Time 5.5us STS:1800
Message Time = 685.9us

MESSAGE #21
(0)00:00:00.200.000.000 IM Gap: 9320.4us
BUS A - CMD:0820 (1-R-1-32) ECRT
1A35 8A25 A8EE F030 E184 E1FC 15CF 3D32
    
```

Search Tool

Command Status Data Errors Time

RT 4 T/R 1 SA 11 WC 5

Bus A

Timing Calculator

Latched Current Msg Time

Latched Msg Time: (0)00:00:00.000.000.000

Current Msg Time: (0)00:00:00.170.000.000

Delta (Current - Latched): (0)00:00:00.170.000.000

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 – 1GByte/System RAM**

Advanced BC/CIU

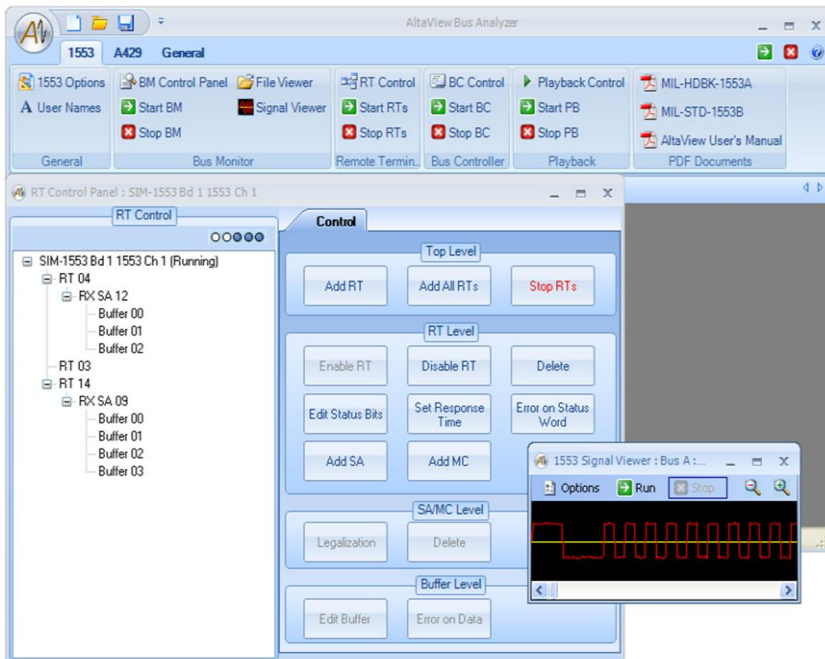
- Framing
- Add/Delete Messages
- Multiple Buffers per Message
- Error Injection per Message
- Loop Count Control

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 – 1GByte/System RAM
- **Limited/Basic BMRX and BC/TX Functions are FREE!**
- **All Post Analysis for File Viewing/Reduction is FREE!**

Altadt
data technologies

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