

Alta's avionics analyzer product, **AltaView**, provides the most modern technologies for MIL-STD-1553 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) BCRT
70D9 8F7A 811D 0B65 594A F8AC 4979 98D9
E9F3 1DBD 0A4B 2146 SA3A 4543 D773 521A
7D05 32B6 19B8 5BD4 58A9 CA88 BB78 8A15
B478 AB85 141A 8485 0D5E 405D C7F5 6F16
Rep 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) BCRT
3670 C882 587E CD05 B6F9 571A E5D0 24E3
C10C CCE1 02D0 3210 08BD 2908 A116 A88A
A1FF 5D71 A4CD 8BD4 70F9 A648 D401 F707
56EC AB85 E491 9474 8B7B AB55 55C7 9B34
Rep 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) BCRT
0ED3 16F1 F99C B1CF 78BC C2D1 7904 33C5
0808 E897 8744 8268 A1B7 5E12 1568 54D3
939E 6104 CA48 AB89 F7F0 9025 F481 6176
7618 0B54 7288 50DB 5968 1870 771A 679B
Rep 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) BCRT
1A35 8A25 A8EE F030 E184 E1FC 15CF 3032
    
```

Timing Calculator

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 2007 User Interface Style – Multi Protocol Future Capability – 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.
- LAN Capability – Run on the data Server and View/Control from LAN Client
- IRIG-B and Ext Clock Synchronization for Time Stamps and Playback
- Excellent Documentation with 1553/ARINC Standard References and XML Setup Files
- **AltaView Full** Functionality is Purchased with –F cards. **BM** or **BC** only with –D Cards and AltaView Purchase. **Basic BM/RX and BC/TX Functions are Provided at No Cost!**

### Advanced BC Features

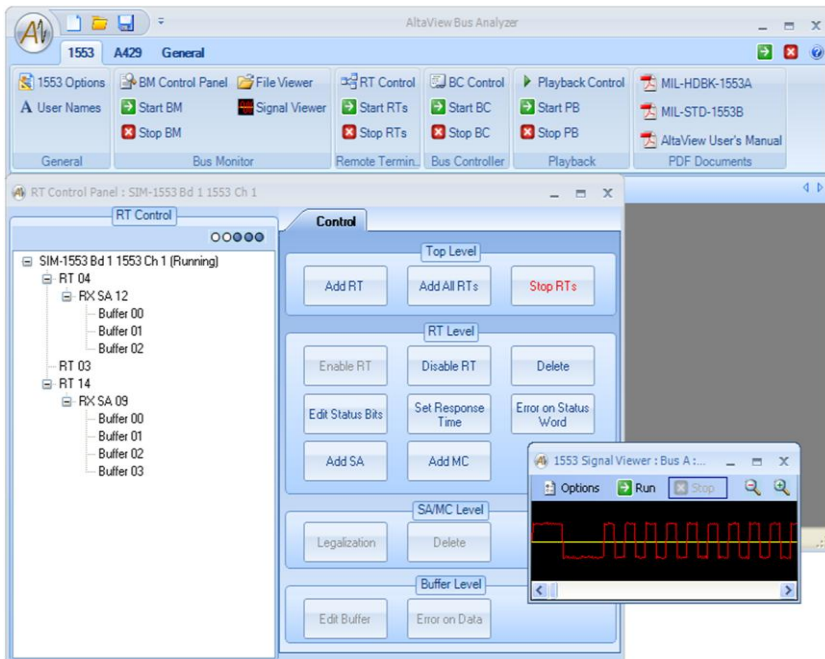
- Framing
- Add/Delete Messages
- Multiple Buffers per Message
- Error Injection per Message
- Loop Count Control

### 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 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 Card Part Number or Order Part Number: **AltaView-000-001**
- -F Cards Provide Full Functionality. -D Model Cards Only Support Full BM and BC (no RT). **See Appendix E of AltaView Manual for Matrix of Operations with Various Models.**

### AltaView Simplifies System Integration and Test

- Download Upgrades Via Alta Web Site – New Features are Added to Support Your Requirements as Needed.
- XML Setup Files Allow External Configuration
- Windows XP/2003/Vista/7 – 1GByte/System RAM
- **AltaView Full** Functionality is Purchased with -F cards. BM or BC only with -D Cards and AltaView Purchase. **Basic BM/RX and BC/TX Functions are Provided at No Cost!**

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Connecting Technology & Innovation

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