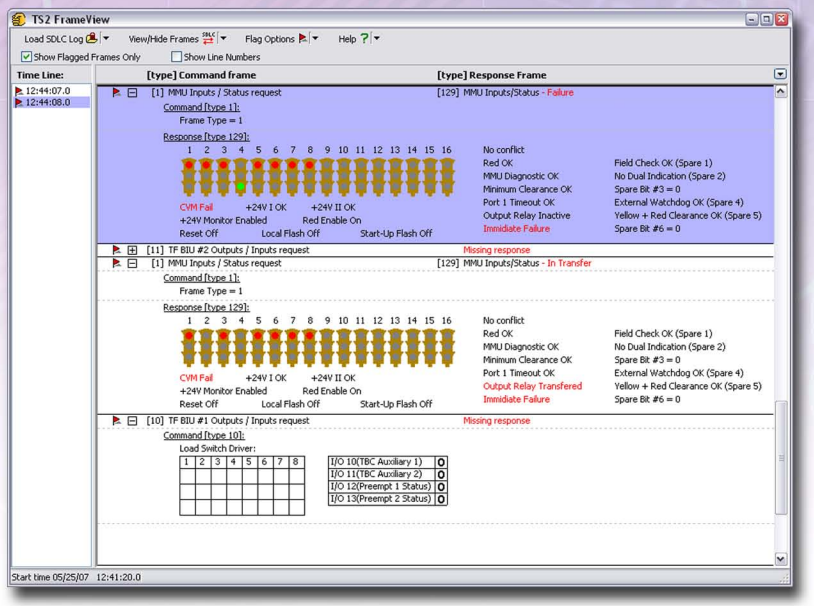
TS2 Frame Grabber

Been There?

Take the hassle out of TS2 SDLC Communications!

Troubleshooting your signal cabinet wastes time and money. When all of the devices are communicating on a high-speed serial bus, standard diagnostic tools such as voltmeters and current probes are of limited use. The controller, conflict monitor, and BIUs exchange information many times per second.

Wouldn't it be nice to know what they are saying?



TS2 Frame Grabber

With a TS2 Frame Grabber installed in your TS2 cabinet, you can capture all of the frames that are transmitted in a 30 minute period* leading up to a flash condition. With the powerful FrameView software application, all of the frames are translated into an easy to understand graphical format.

Customizable sorting and filter settings allow you to quickly search through thousands of frames and identify problems that would otherwise never be detected.

It's like finding a needle in a haystack!

*Actual time depends on cabinet configuration and controller programming

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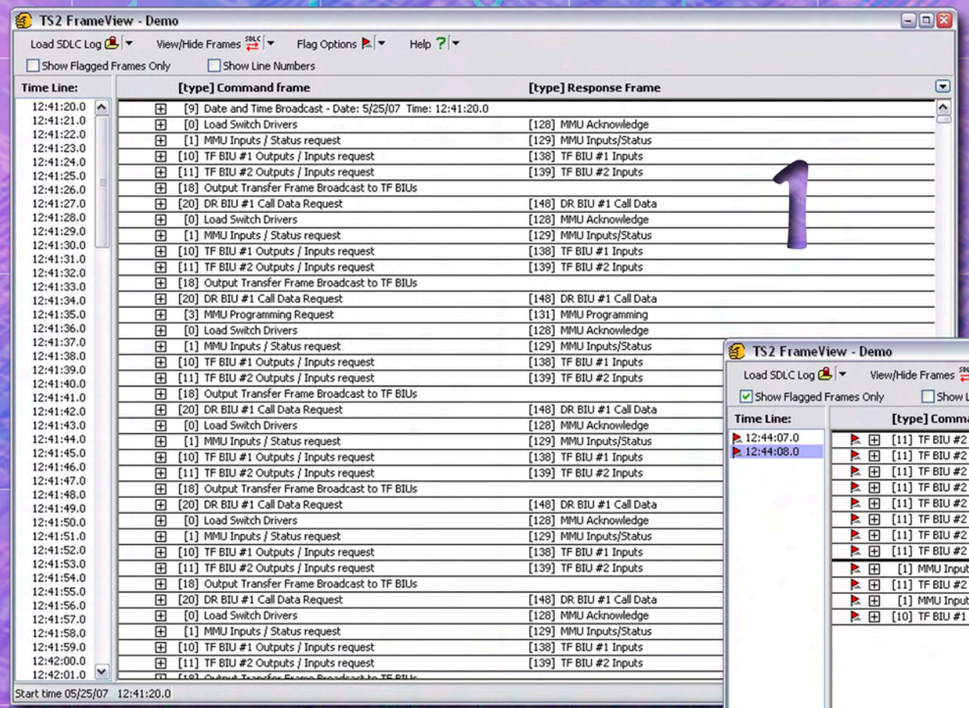
Visit www.atsi-tester.com for an example application and download the demo software.

Call your local distributor for pricing and availability.

FrameView Software



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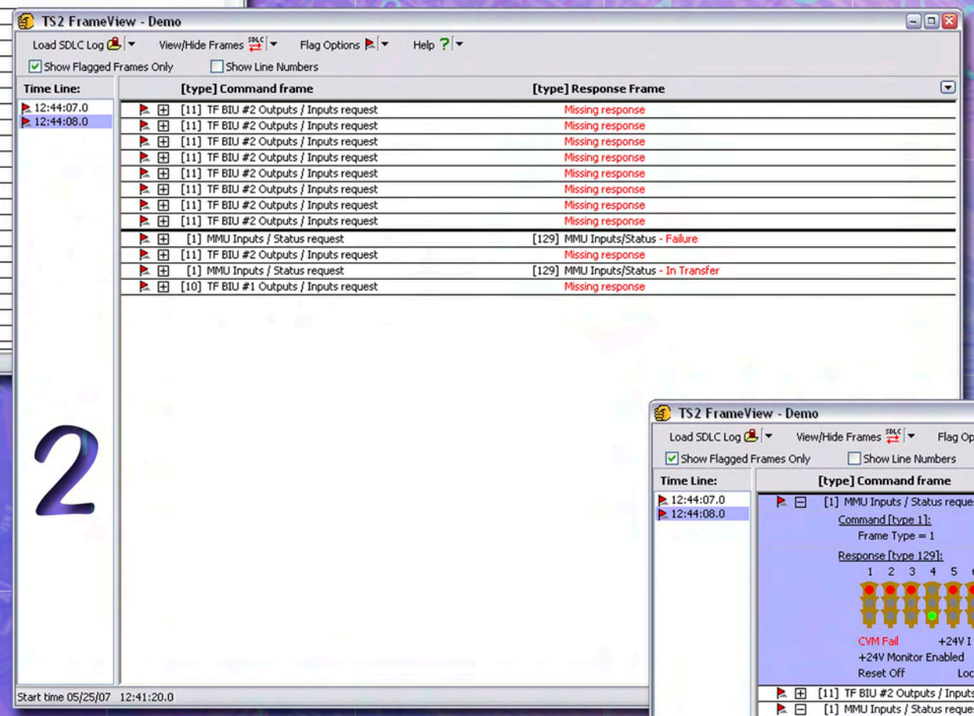

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The powerful FrameView software translates SDLC frames into easy to understand graphic symbols and text.

FrameView will analyze the frame sequences and "flag" frames that meet user adjustable criteria such as :

- ☑ Corrupted data
- ☑ Incorrect Address
- ☑ Incorrect response
- ☑ No response
- ☑ Intermittent failures / conflicts

Tired of unexplained flash transfers ?

Why won't manufacturer A's controller work with manufacturer B's BIU ?

Is my Detector Rack communicating properly with the controller ?

Is this video detector causing a problem ?

Get the Answers with a Frame Grabber

Problem:

Unexplained flash transfer at the intersection. Conflict monitor shows CVM fault. What caused the CVM fault?

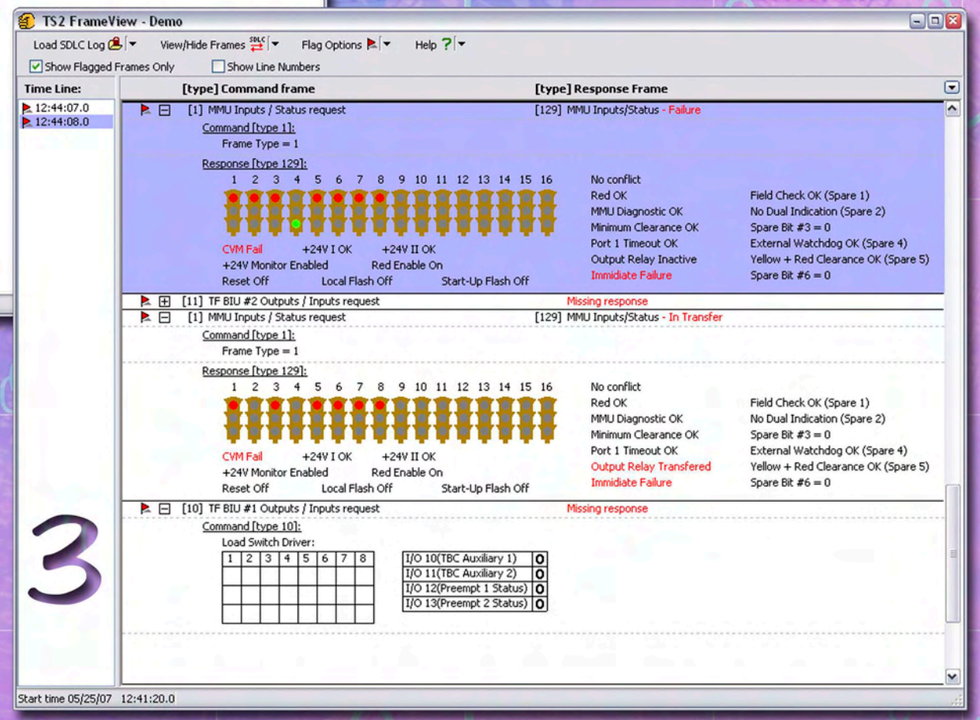
Solution:

1 Remove the memory token from TS2 Frame Grabber; insert the token into the Memory Token Reader; and read the content using the FrameView software.

2 Quickly identify the problem by selecting Show Flagged Frames Only.

3 Expand frames to see the graphical representation of the data. Frames can be expanded by clicking on the [+] box.

Conclusion:
It is now obvious that the controller put the intersection into flash by turning off CVM because BIU#2 was not responding.



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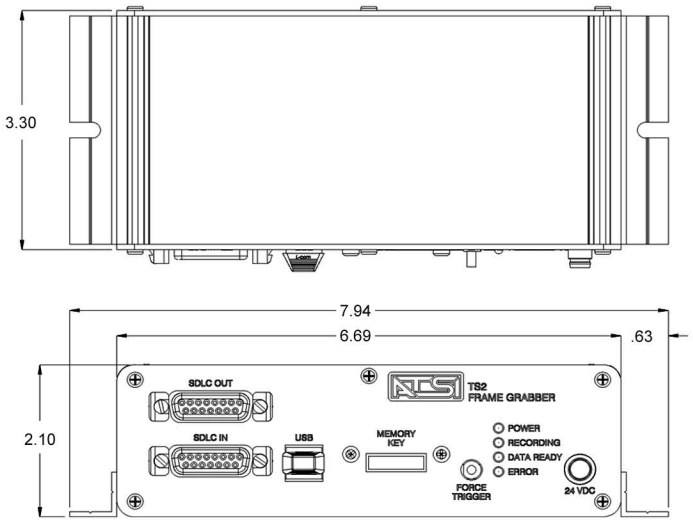
Electrical Specifications

Operating Voltage : 24VDC
Operating Current : 100 mA (max)

Mechanical Specifications

Enclosure : Extruded Aluminum
shown with optional flange
Dimensions : 2.11" (H) x 6.68" (W) x 3.15" (L)



Applications

Permanently Installed in TS2 Cabinet

Install Frame Grabber in your TS2 cabinet and you will always have a 30 minute* record of the SDLC communication prior to the latest flash transfer.

Lab Testbench Troubleshooting

Use Frame Grabber to diagnose and verify SDLC communication between the controller and other secondary stations. Connect frame grabber to your computer USB port for continuous downloading of SDLC frames.

*30 minute time period is approximate. Actual times will vary depending on controller programming and cabinet configuration.

Ordering Information

Part No.	Description
SKF-0015	Frame Grabber, Model 1000; includes Frame Grabber 1000, 9.5' 24VDC Power Cable, 64MB Memory Token, Operating Manual, Software CD, 12-Month Warranty
SKA-0005	Memory Token Reader (USB); includes Token Reader, 6' USB Cable, Software CD 12-Month Warranty
090-0021	Extra Memory Token, 64Mb

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