SDI GRB Appliance – A cost effective method of retrieving GOES-R L1 data

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What do I need to Ingest the GRB data stream with SDI?

- Antenna

- Demodulator

- SDI GRB Appliance

What is a SDI?

- SSEC GRB Data Ingestor - SDI
- It's Hardware – A preconfigured server
- It's Software – CSPP GEO and ADDE
- It's Service – We are here for you!
- SSEC has long history of Geostationary data ingest and service.
- 1980's Mainframe frame syncs and software.
- 1990's SDI-104 for GVAR
- SDI GRB Appliance Continues a SSEC Tradition
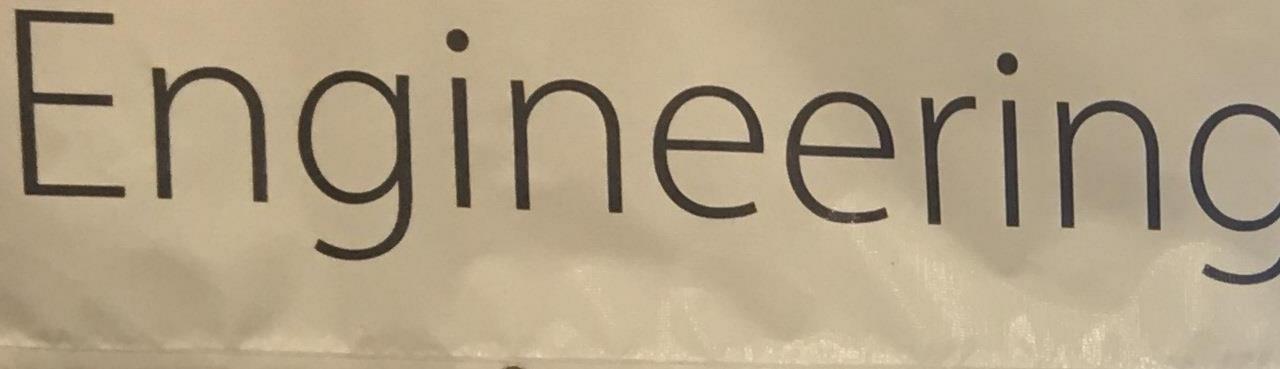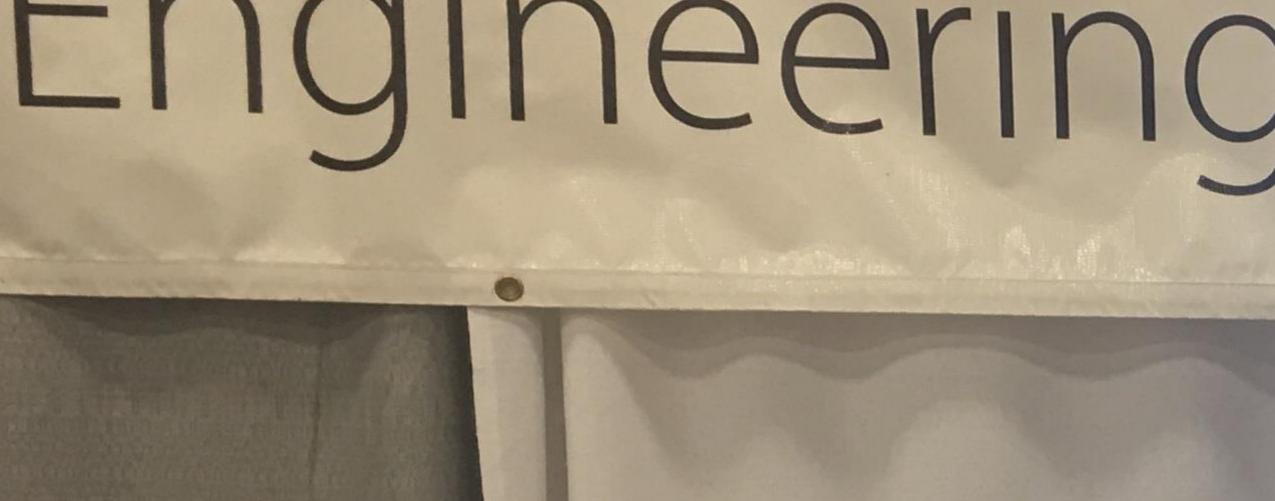
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What do I get? (1 of 2)

- CSPP (Community Satellite Processing Package)
- CSPP Geo GRB software converts GOES-R GRB data stream into mission compliant netCDF files
- 16-channel Advanced Baseline Imager (ABI) Level 1b
- Geostationary Lightning Mapper (GLM)
- Level 2+Space Environment In-Situ Suite (SEISS)
- Level 1bMagnetometer (MAG) Level 1bSolar Ultraviolet Imager (SUVI)
- Level 1bExtreme Ultraviolet and X-ray Irradiance Suite (EXIS) Level 1b

Engineering

Summary

- SDI GRB Appliance mission compliant software
- SDI GRB Appliance provides suitable matched hardware.
- SDI GRB Appliance provides standard data access.
- SDI GRB Appliance provides ADDE access.

- The SDI GRB Appliance Team thanks you for your attention.