Blink

blink.amphinicy.com

European Commission

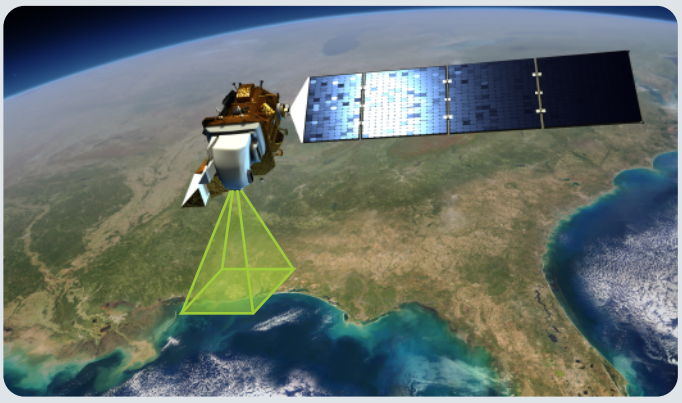
SEAL OF EXCELLENCE

Blink is to satellite data acquisition what the cheetah is to running.

Blink is a CCSDS-compatible software-based satellite data acquisition system.

The system utilizes the processing power of today's top-of-the-line commercial CPUs, to improve flexibility and speed up the ground station evolution.

Blink is used for **real-time data acquisition** and as an analytical **post-processing and reporting** tool.



High Performance

- Up to 4 Gbps processing
- Any amount of data
- Low-latency

Rich Reporting

- Verbose processing metadata
- Overall statistics
- Graphical overview

Automation & Integration

- Command-line mode
- Java API

Supported Standards

- CCSDS, DVB-S2
- Reed-Solomon, CRC

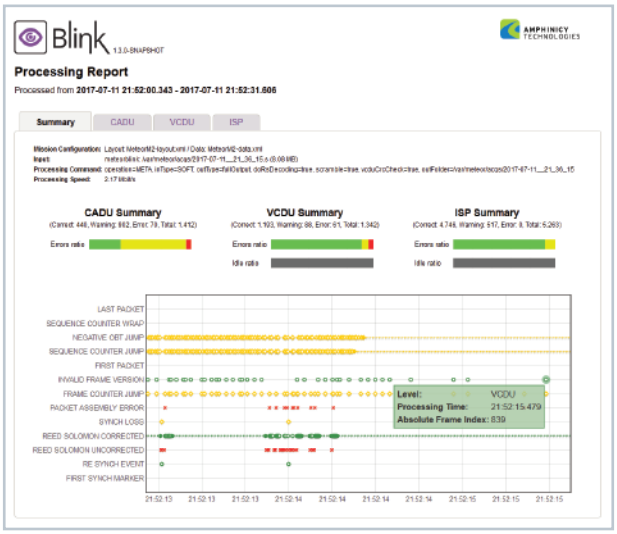
Use Blink for:

Multi-purpose command-line utility for interactive work with mission data in post-processing mode

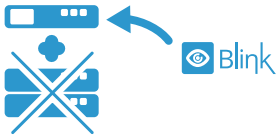
Blink delivers unprecedented ad hoc data management and analysis capabilities during ground station verification and validation or later mission phases. The command line tool makes it possible to troubleshoot data reception, including ad hoc, extremely fast header analysis, data extraction, conversion and report generation.

Rich reporting tool with powerful data analytics

Blink provides rich reports with both aggregated and detailed information on the received data for all CCSDS processing levels: CADU, VCDU and ISP.



High performance capabilities in real-time data acquisition



Blink can be plugged in seamlessly behind existing demodulators for up to 4Gbps of real-time data acquisition and processing; reducing cost, improving overall flexibility, and providing rich reporting and acquisition analytics as an added value to the system.

Verified drop-in compatible devices include Antwerp Space Omnisat and Zodiac Cortex XXL HDR, among others.

"Pure software" mode: Just a simple SDR and Blink (in the works)

Blink supports "pure software" mode by combining Blink software with commercial off-the-shelf software-defined radios. The product comes in 3 lines: MINI, MIDI and ULTRA and flexible business models.

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