

AVAILABLE AT

 **aws marketplace**



blink.amphibicy.com

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

Blink is a wideband pure-software satellite modem.

The system utilizes the processing power of COTS servers to improve flexibility and speed of ground segment evolution.

Blink enables real-time communication, in operations or testing. It can also be used off-line, in store&forward mode.



Wideband

- Up to 10 Gb/s!
- Up to 3 GHz carriers
- S, X, Ka... - any band, any bandwidth!



Rich Reporting

- Detailed processing metadata
- Intuitive summaries
- Interactive graphical overview



Automation & Integration

- REST M&C interface
- Command line interface
- Amazon Machine Image (AMI)



Supported Standards

- CCSDS
- DVB-S2/S2X (including ACM)
- VITA 49.x & DIFI digital IF

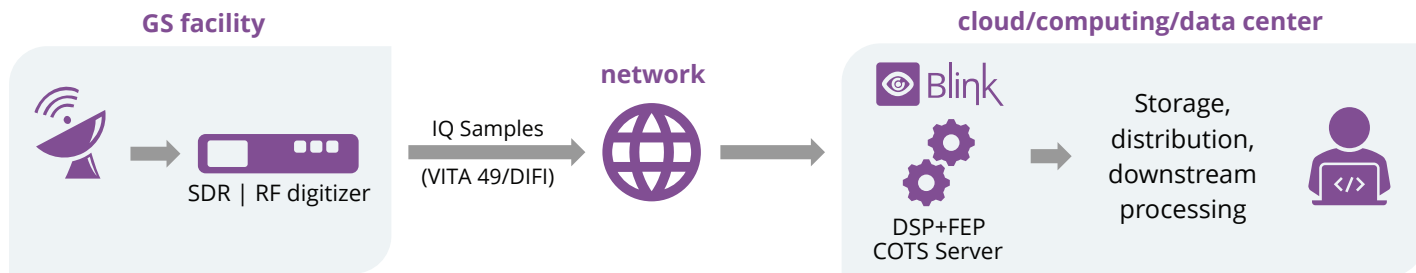


Advanced M&C

- Beautiful web UI
- Schemas, dashboards
- Extremely user-configurable

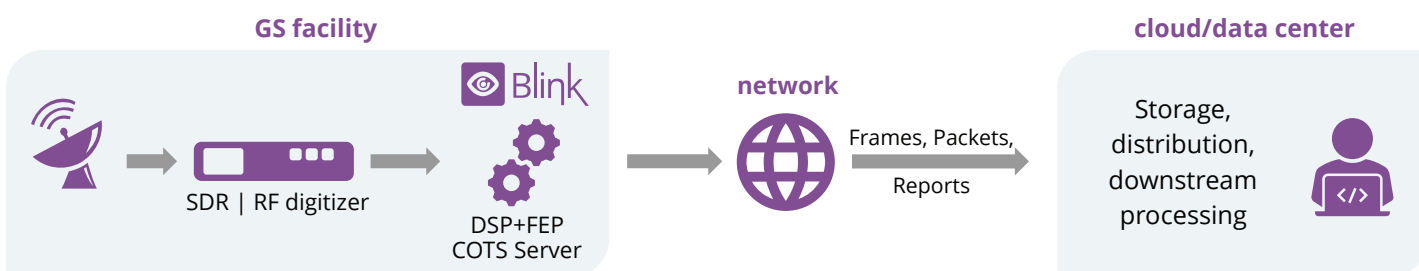
Deployment to cloud

It is really easy to deploy Blink to a public cloud. Machines are active only during a satellite pass, minimizing cost. Blink receives a digitized signal and processes it in real time, sending output directly to downstream processors or to storage.



Deployment to typical ground stations

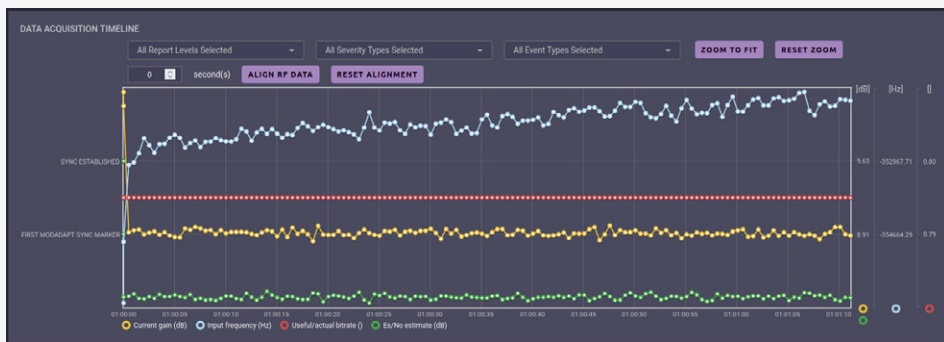
Blink works at existing ground stations. A server equipped with a digitizer and running Blink software is deployed to the ground station instead of a conventional modem. Users get the benefit of an extremely flexible solution: **short lead times, quick and easy updates, rapid evolution and competitive costs.**



Assembly, Integration, Verification and Testing

Blink detects 50+ types of reception events and generates HTML & JSON reports.

The HTML report is a rich, self-contained and interactive document. It provides intuitive summaries and low-level, per-event insights.



A glance at the summaries is enough to know that reception went well. The details provided are a treasure trove helping to diagnose issues, which is particularly important during satellite development.

Zagreb Office

Ulica Damira Tomljanovića Gavrana 15
HR-10000 Zagreb, Croatia
T +385 1 485 2814



www.amphinity.com