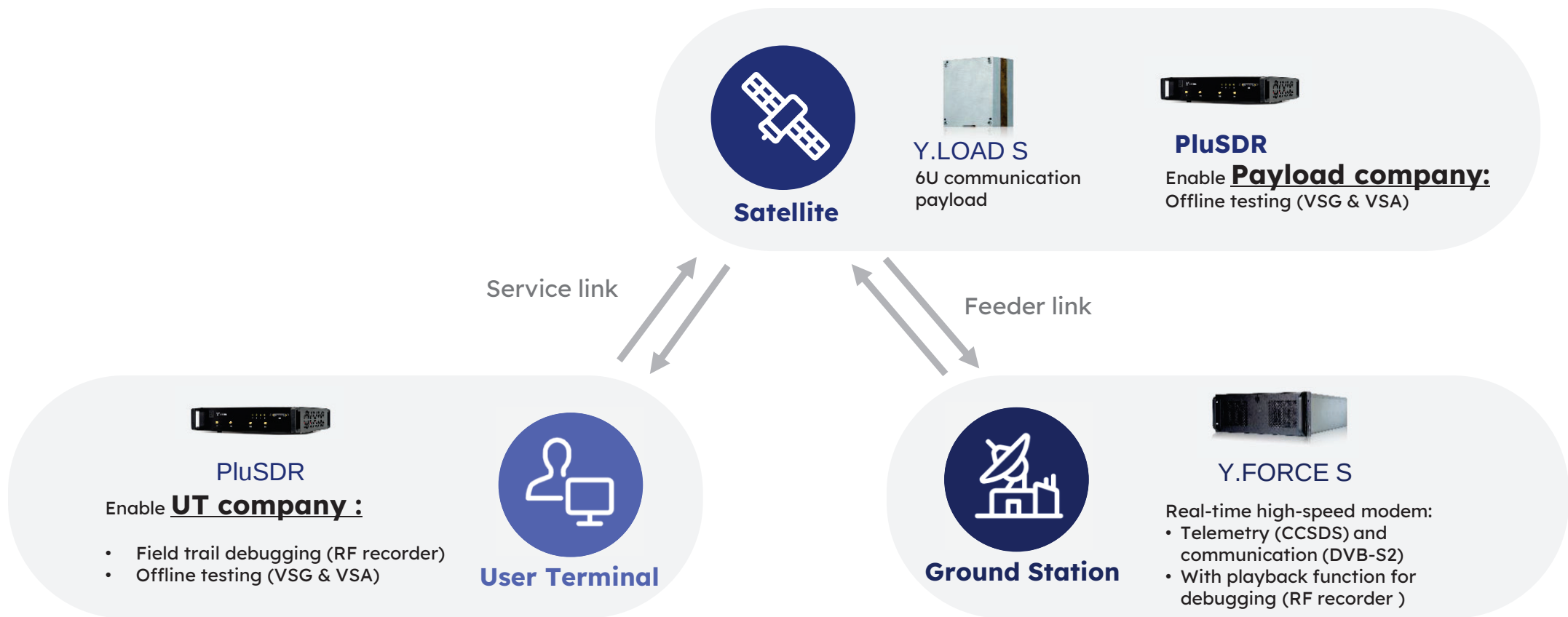


SATCOM Deployment Architecture



TASA Approved

Successfully decoded signals from Formosat-5, Landsat-8, and Landsat-9 with X-Band

- 01** Support wide range band:
10 MHz – 15 GHz
- 02** RF recorder, max. sample rate:
500Msps, last 600 seconds
- 03** Modulation: BPSK, QPSK, OQPSK,
8PSK, 16-QAM, 16-APSK, 32-APSK,
64-APSK
- 04** Convolutional code, RS code, Turbo
code and LDPC code
- 05** Compliant with CCSDS 131.0-B-4,
CCSDS 131.2-B-1

 **FORCE S**

High-Speed Satellite Modem



High Throughput:

2.4 Gbps/Channel

LinkWen



- 01** Lightweight and compact size for CubeSat
- 02** TX/RX Bandwidth: 200 MHz
- 03** Output power: 5 W
- 04** Downlink: 8.025 - 8.4 or 10.7~12.7 GHz
- 05** Uplink: 14.0 - 14.5 GHz

Compliant with
CCSDS 131.0-B-4



Wide range band:

10 MHz - 15 GHz

Free Sample code adaptive

PluSDR

Software-Defined Radio Platform

- 01** Up to 400M of Bandwidth
Three bandwidth options: 56, 100, 400M
- 02** Maximum supported sampling rate: 3.93 GHz
- 03** Matlab, C++, Python
- 04** Proprietary DCI Interface connecting with Yttek's FEM for synchronous transmission
- 05** Optional :
Satellite CCSDS