To satisfy their customers, satellite operators must constantly evolve and adapt the services they offer. Innovative data functionality allows new value-added services to be introduced mid-mission. This open platform supports a host of smart services, such as dynamic flexibility, virtual payload management, multi-site payload control, spectrum management, beam hopping, real-time capacity allocation and big data processing on the ground.

### COMPETITIVE ADVANTAGES

/// High rate, command and monitoring equipment for digital telecom payloads.

/// Based on Prodigie flight proven state-of-the-art technology. First mission in orbit since January 2020.

/// Full reconfigurable equipment, scalable and modular architecture.

/// Key element for enabling digital transformation, from system to unit level.

/// On board adaptation for all missions lifetime.

/// Cyber secure and multiple user solution (up to 3 hosted payloads).

/// Dedicated payload line.
MAIN FEATURES AND KEY BENEFITS

SPEED UP INTEGRATION

- Easier payload AIT, One single interface
- Facilitates troubleshooting thanks to flexibility
- Decoupling communication module from service module

ENHANCED PAYLOAD OBSERVABILITY

- Enabler factor for Big Data
- Huge TM enables enhanced services
- Automatic monitoring
- Fast on demand TM

READY FOR THE FUTURE

- Low cost adaptability
- Long term solution: flexible, evolvable, reconfigurable, scalable

FAVOUR OPPORTUNITIES FOR TEAMING IN PAYLOADS

- Single interface to hosted / shared payload management
- Secured multiuser access with segregation

HILINK SPACE BOX

- Average power consumption < 30 W
- Reduced footprint: 184 x 410 mm²
- Low mass: 9 Kg
- High rate TM/TC:
  - TC up to 1 Mbps per channel
  - TM up to 10 Mbps per channel

EXPERIENCE

- Hilink: Eutelsat Konnect, Eutelsat Konnect VHTS, SES-17, Eutelsat 10B, SPAINSAT NG
- Prodigie product suite used in 6 programs for 4 satellite operators: Eutelsat, SES, Hisdesat and Hispasat

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