

Satellites
Ground segments
Transversal competencies



Syrlinks, a French company, designs and delivers worldwide RF communication products to address four market segments: Space, Defense, Safety and Time-frequency.

The Space business unit has developed four product ranges: TT&C, Telemetry Transmitters, GNSS and SDR Payload. This meets different market segments in terms of satellite integration (Nano/Cubesat, Micro and Mini satellites) and in terms of applications such as Earth Observation, Satcom, GNSS Services, LEO PNT, Spectrum monitoring, etc. Syrlinks masters the design of reliable product based on COTS (Components-Off-the Shelf) components, enabling cost-reduction for New Space.

COMPETENCIES & CAPABILITIES

The reliability of Syrlinks products has been demonstrated by the development and manufacturing of more than 1000 units cumulating more than 800 years in orbit, with no default observed, even on missions longer than initially expected. The large experience of its experts allows to combine reliability, low consumption, and miniaturization of radios for LEO missions up to 10 years in orbit, especially compliant to NewSpace, ESA CLASS 3 and CLASS 2 Standards.

Syrlinks benefits of an impressive industrial capacity, with extended clean room, top of the art laboratory equipment, complete qualification and validation tools, and highly skilled and motivated staff.



SYRLINKS

PRODUCTS & SERVICES

Syrlinks offers the largest inflight proven portfolio of radios for LEO and deep space missions, and especially for small satellites, from “Medium Size” up to 10 years lifetime, to “Nano/Cube Satellites”:

- Space radios such as High Data Rate transmitters, TT&C or ISL transceivers, in different frequency bands (L, S, X, K), and several quality levels from COTS to ESA CLASS 3 & 2 (equivalent to NASA Level II & I).
- Antennas
- Software defined radios for payload dedicated to IoT/M2M or RF sensing applications, with wide & narrow band receiver, mass memory and X, L band-transmitters
- GNSS Receiver and services, & POD, based on multi-frequencies/multi-constellations Software Defined Radio platform
- Oven Controlled Crystal Oscillators (OCXO): the best physical combination between power consumption and frequency stability, making the EWOS family the best choice for all demanding embedded applications

The Syrlinks field of expertise also extends to the ground segment of the space domain. The company develops and manufactures distress and/or geolocation beacons and modules that work with Argos and/or Cospas-Sarsat systems.

MAJOR SPACE PROJECTS & REFERENCES

- Space agencies: CNES, ESA, NASA, LAPAN, DLR, ISRO, KARI
- Large system Integrators: Airbus D&S, OneWeb Satellites, Thales, KINEIS, OHB, Yuzhnoye Design Office, ... and others
- Medium size & nano satellites: QuinetiQ, Berlin Space Technology, Space Flight Laboratory, Utias SFL, Chang Guang Satellite Technology, ... among > 20 countries
- Lunar missions: Astroscale, ...

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TURNOVER € 20 m

WORK FORCE 135

SPACE TURNOVER € 17 m