

Satellites
Ground segments
Transversal competencies



Syrlinks designs and manufactures high-end, cost-effective radio-communication and geolocation sub-system for harsh environments (Space, Defense, Safety).

Syrlinks products combine innovative technology and reliability to offer both advanced performances and easy integration for challenging projects.

For space market, Syrlinks is the pioneer player of qualified active COTS components, from ROSETTA mission to OneWeb mega constellation.

COMPETENCIES & CAPABILITIES

The reliability of Syrlinks products has been demonstrated by the development and manufacturing of 150 units cumulating more than 500 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 NON-GEO missions up to 10 years in orbit, especially compliant to 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 DataRate 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, 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, ..., confidential

POINT OF CONTACT

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TURNOVER € 14 m

WORK FORCE 100

SPACE TURNOVER € 9,8 m

SPACE WORK FORCE 70