

NewSpace RF New Product

● **Syrlinks releases a new generation of S-Band Transceiver For Small Satellites** ●

[Press release](#)

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Syrlinks, a leading company in the design of RF Communication systems for Space releases the EWC31-NG Transceiver product, a new generation of S-Band TT&C (Tracking, Telemetry and Commands) addressing Nano/ Cube satellites.

This new design benefits from its predecessor the EWC31 more than 6 years of return on experience in the implementation and the operating of TT&C technologies.

The EWC31-NG has been especially designed to achieve top-class of performances in term of Tx/Rx communication links (CCSDS compliant), low power consumption and radiation tolerance. Its very compact and optimized form factor with a built-in DC/DC converter will contribute to the global satellite integration optimization. Furthermore, it will ease satellite operator to extend the mission duration and consequently to increase their Return On Investment.

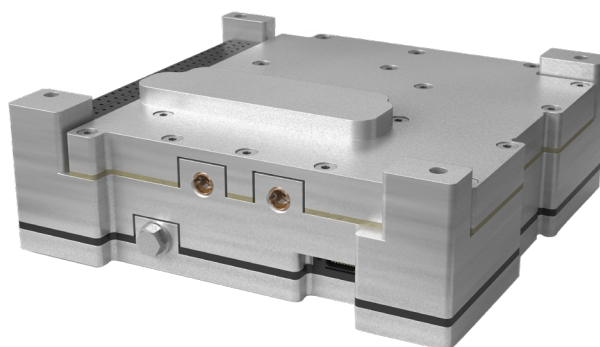
“The team is very proud of releasing this new design that meets our customer’s expectation to integrate a very compact, rugged and high-performance TT&C component within their small satellites” says Ronan FOUBERT, Nano/Cube Satellites Product Manager at Syrlinks.



The EWC31-NG design belongs to the “New Space IV” Syrlinks product assurance category. This perfectly meets the requirements of NewSpace missions, targeting a typical 3-year lifetime at Low Earth Orbit with a Total Ionized radiation Dose of 10 krad.



“With this new product, we follow our strategy to miniaturize the core RF transmission technologies as required for the SmallSats, maintaining a high level of performances. This perfectly addresses the New Space market trend and expectations”, adds Eric PINSON, Director of Space activity at Syrlinks.



ABOUT SYRLINKS

Syrlinks, is a French company, founded in 2011 near Rennes. The company designs and delivers worldwide RF communication products to address four market segments: Space, Defense, Safety and Time-frequency.

The company which today consists of more than 175 people has successfully delivered more than 1000 Flight models for Space, which represents more than 800 years of on-orbit time with 100% reliability!

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.

Its products have been used in many high-profile space missions such as Rosetta, Myriades/Myriades-evolutions, Proba-V, OneWeb Satellites, Pléiades-Neo, Argos Neo, Microscope, etc. Syrlinks works with prestigious clients and partners worldwide such as Airbus, OneWeb Satellites, the CNES (the French national agency for space studies), the European Space Agency (ESA), Thales Alenia Space, Hemeria, OHB, Qinetiq, Loft Orbital, and now MBRSC.

More infos at syrlinks.com