

***NewSpace RF product***

- Syrlinks releases N-XONOS, a High-Data-Rate transmitter for Nano/CubeSat ●

Press Release

**Space Tech Expo 2021 - Bremen - Germany 15th November 2021**

Syrlinks, the worldwide leader in the design of RF Communication systems for Space releases at the Space Tech Expo exhibition the N-XONOS solution.

N-XONOS comes as a very compact and **high-performance X-Band Telemetry Transmitter**, especially designed to be integrated within Cube, Nano and Micro Satellites.

“With N-XONOS, we are ready to support customers to implement high-data-rate down-link. Its DVB-S2 based processing authorizes **in flight** MODCODs modification to achieve the **best transmission efficiency** during satellite pass.” explains Ronan Foubert, Product Manager at Syrlinks.

“N-XONOS design is based on COTS<sup>1</sup> components and address 5 years typical mission.” adds Ronan.

N-XONOS enriches the Syrlinks X-band transmitters product portfolio. The company has already delivered X-band high-data-rate transmitters for many renown missions such as Proba-V, for the Myriade Evolution platform from the CNES and more recently for Pléiades Neo.



“The design of compact High-Data-Rate transmitter has been very challenging as it comes as a complex trade-off between multiple factors such as compactness, power consumption, processing performance, RF power and of course design cost” highlights Eric PINSON, Director of Space activity at Syrlinks.

“With N-XONOS we are ready to address the booming market of Earth Observation small satellite constellations, that requires significant higher data throughput as well as extended mission duration!” adds Eric.

N-XONOS will be highlighted at Syrlinks **Booth Hall 4 #E22** at Space Tech Expo 2021 in Bremen (Germany).



*N-XONOS – Compact X-Band Transmitter Nano/Micro satellites - © Syrlinks*

<sup>1</sup>: Commercial Off-The-Shelf

## ABOUT SYRLINKS

Syrlinks designs, develops and manufactures radiocommunication and geolocation products for four market areas: Space, Defense, Safety and Time-Frequency.

The Space business unit has developed four product ranges: TT&C, Telemetry Transmitters, GNSS receivers and SDR Payloads.

This meets different types of satellite integration (Nano/Cubesat, Micro and Mini satellites) and addresses several fields of application such as Earth Observation, Satcom, GNSS Services, LEO PNT, Spectrum monitoring, etc.

Since its establishment in 2011, Syrlinks has mastered the design of reliable products based on COTS (Commercial Off- The- Shelf components, allowing 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, Pléïades-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, OHB, Qinetiq, etc. Over the last couple of years Syrlinks has initiated business relationships with key players of the space sector in the Middle East and is willing to pursue its business development in this region.

More infos at [syrlinks.com](http://syrlinks.com)