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NewSpace

● NARA SPACE selects Syrlinks X-band transmitter for BUSANSAT ●

Press Release

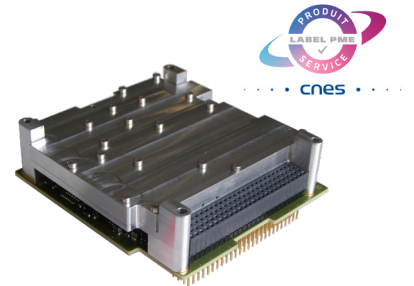
In Cesson-Sévigné, France, September 9th, 2022.

Syrlinks, the worldwide leader in the design of RF Communication systems for Space and Nara Space, a new-space startup in South Korea that builds nano satellite constellations, are proud to announce their partnership in the integration of Syrlinks’s compact **X-Band Transmitter** – EWC27.

Nara Space has developed a unique 12U satellites called BUSANSAT which will collect marine spatial information and monitor marine fine dust. The 1 year lifetime satellite will be launch in 2024.

In order to implement **high-data-rate transmission link**, Nara Space has elected the **EWC27** product from Syrlinks.

Indeed, this solution enables very high data rate throughput in X-Band, featuring low power consumption and high efficient power amplifier. With more than 120 flight models already delivered, the **EWC27** is a top class radio for Nanosatellites.



© Syrlinks EWC27 - 100 Mbps X-Band Transmitter for Nanosatellites

“This is a great opportunity for us to support future major players with products that have a strong heritage and will ensure the success of the mission.” says Ronan FOUBERT, Nanosat/Cubesat product owner at Syrlinks.



“It is a great recognition of a work of several years to design New-Space RF communication compact designs, suitable for nanosatellites and bringing cutting-edge transmitting performances.”, adds Eric PINSON, Director of Space activity at Syrlinks.

«I am delighted to be able to increase the probability of mission success by using EWC27 famous for being the most reliable X-band transmitter in the small satellite market. We are using EWC27 not only for BusanSat, but also for Observer-1, Nara Space’s first standard satellite that will be launched next year. We will build a future-oriented cooperative relationship with Syrlinks» said Jungkye Lee, director of satellite development at Nara Space.



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 185 people has successfully delivered more than 2000 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, Data 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, Pléïades-Neo, Argos Neo, Microscope, etc. Syrlinks works with prestigious clients and partners such as Airbus, OneWeb, the CNES (the French national agency for space studies), the European Space Agency (ESA), Thales Alenia Space, and Hemeria.

More infos at syrlinks.com

Please visit us at [IAC](#) exhibition from 18th till 22th September in Paris.

ABOUT NARA SPACE

Nara Space is a leading company in both the CubeSat and New Space industries in South Korea. Founded in 2015, the company is building nano satellite constellations and providing satellite data utilization services. Observer-1, a 16U satellite, is its first standard model whose primary mission is earth observation with 7 bands from 450 to 900 nm. Starting with the first launch next year, the company plans to launch a fleet of 96 satellites in 5 years.

In October, Nara Space will soon open a beta service for Earthpaper, a comprehensive web-hosted satellite image platform that allows customers to search and purchase satellite images over any preferred region or location on the earth. Once the Observers, Nara Space's own satellites, are successfully operated within a few years, the platform will provide near-real-time access to customized satellite imagery.

Nara Space also developed its own Super Resolution (SR) algorithm which can increase the spatial resolution of satellite images by factor of 3x. With this technology, the company is aiming to upgrade Observer-1's GSD by 0.5 m whose native GSD is 1.5 m. Customers can test and utilize Nara Spaces SR algorithm on Earthpaper.

More about Nara Space: naraspace.com

Meet Nara Space team at [IAC](#) (Booth H6)

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