

IRIDE constellation, credits: OHB Italia

PARTNERSHIP

● OHB Italy S.p.A selects Syrlinks X-band transmitters for the IRIDE satellite constellation ●

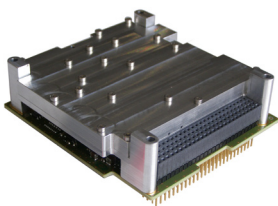
News

In Rennes, France, February 16th, 2023.

Syrlinks, the worldwide leader in the design of RF Communication systems for Space and OHB Italy S.p.A, a major satellite system integrator, are proud to announce their partnership in the integration of Syrlinks’s compact X-Band Transmitters – EWC27.

IRIDE is a unique, innovative and all-Italian constellation which aims to observe Earth. The IRIDE LEO (Low Earth Observation) constellation will be implemented in Italy and completed by 2026 under the supervision of ESA and ASI (Agenzia Spaziale Italiana) in the frame of PNRR (Piano Nazionale Ripresa e Resilienza).

The constellation will be composed of different types and sizes of satellites, combining SAR, optical, panchromatic, hyperspectral, and infrared sensors. A total of 24 satellites is planned with first launch at the end of 2024.



The solution designed by Syrlinks, referenced as the EWC27, brings key advantages such as compactness to fit into nano/cube sats, in-space proven technology (high heritage) and high performances low power consumption, efficient RF transmission, 100 Mbps data rate). Up today, more than 120 flight models have already been delivered.

“We are very delighted to support OHB S.p.A in this ESA and ASI program. It will be again a key opportunity for Syrlinks to demonstrate our capability to address Earth-Observation LEO Constellation program.” Says Eric PINSON, Director of Space activity at Syrlinks.



«OHB Italia is delighted about the partnership with Syrlinks on IRIDE Constellation, which is among the most important European Space programs for Earth Observation in Low Earth Orbit (LEO). We enjoy to have partners as Syrlinks, one of the top companies in Communications system for Space” said Roberto Aceti, CEO at OHB Italia S.p.A.

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 160 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 such as Airbus, OneWeb, the CNES (the French national agency for space studies), the European Space Agency (ESA), Thales Alenia Space, and Synspecive.

Please note that Syrlinks has become a Safran company.

More infos at syrlinks.com

ABOUT OHB ITALIA S.p.A

OHB Italia S.p.A. is part of German Group OHB SE and is national leader for Design, Production and Integration of complex Space Systems.

Our main fields of activities are Satellites, Earth Observation, Space Surveillance Awareness, International Space Station (ISS) and Space Science.

Our principal customers are Italian Space Agency-ASI; European Space Agency-ESA; Research Institutions and all the major Industrial Players in the space market, with special attention to export domain.

More about OHB Italia S.p.A: ohb-italia.it

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