

# Next Generation Performance: The New SatConnect by EuroSkyPark.

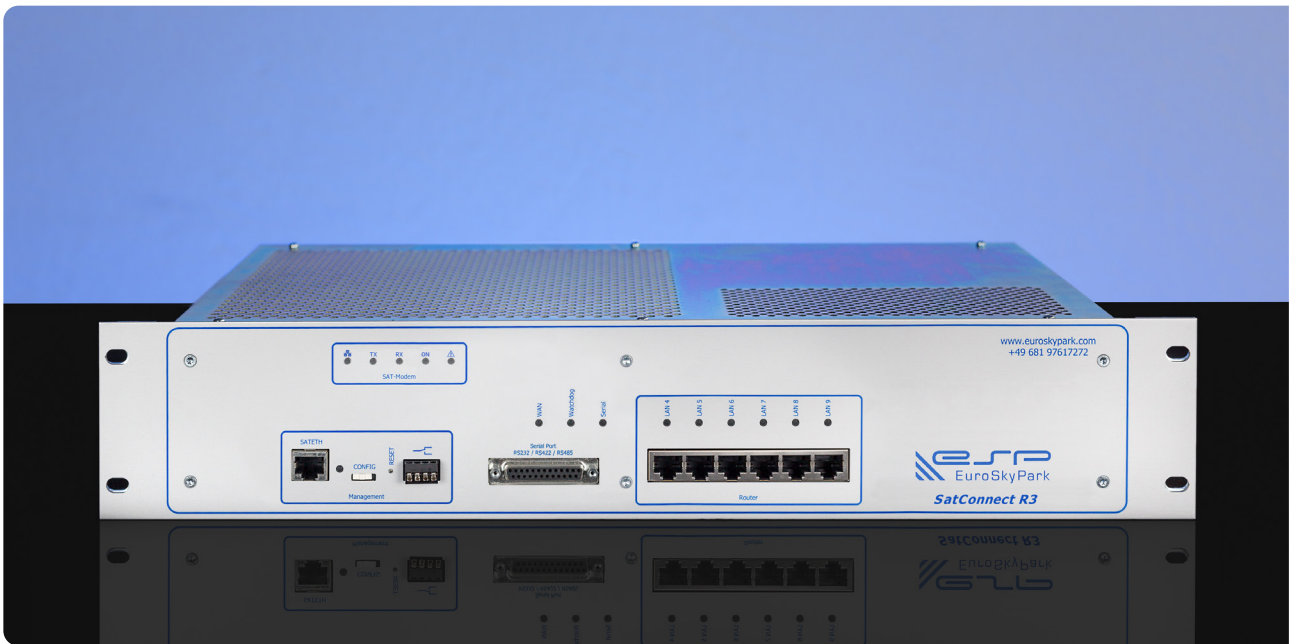


Photo: Andreas Zierhut

Just in time for WindEnergy Hamburg 2024, EuroSkyPark presents their state-of-the-art SatConnect devices for rapid and highly secure data transmission.

Energy from onshore and offshore power plants is supplying more and more people and industrial companies with electricity. This enormous and challenging task can only be guaranteed through reliable data management. With the Next Generation of the SatConnect series, EuroSkyPark is taking data communication via satellite to the next level.

Network management is a crucial objective for system-critical infrastructure. Offshore wind farms and platforms in particular need to monitor and control the highest levels of performance. The new SatConnect series has been designed to meet a wide range of industry-specific demands: In heterogeneous environments with very large power fluctuations and in harsh environments at sea, they not only provide reliable data series, but also ensure a stable broadband communication environment for manned and unmanned platforms.

## Performance, Performance, Performance

The aim of the revision was to optimize for the highest bandwidths and lowest latencies. This results in a significant increase in processing speed with up to 200 Mbit in download and 32 Mbit in upload for real-time applications and operations. The engineers at EuroSkyPark have also increased flexibility. In addition to the C-, KU- and KA-band frequencies, worldwide connections via GEO and LEO satellite networks are possible.

The integrated SL - IMB (Intelligent Management Board) with extended watchdog functions ensures secure connection monitoring and optimized network performance.

### One For All

Guaranteed durability and reliability, as well as the future-oriented technical design, make the devices a real milestone in connection technology.

They support all common protocols for SCADA, both for serial and IP-based SCADA systems (IEC 101/104), as well as for IP broadband, SIP and VoIP. With six Ethernet connections, an optional serial connection and redundant power supply, they are also equipped for all tasks ahead.

### First Presentation at WindEnergy Hamburg 2024

"We are delighted to present the new SatConnect devices at the trade fair in Hamburg," says CEO Thomas Maul, praising the successful timing and also strategically classifying the innovation: "We are once again proving ourselves in a leading role here and showing our global customers that we will master the major tasks ahead together."

**EuroSkyPark will be represented at WindEnergy Hamburg from September 24 to 27, 2024 at the following stand Hall A3, Stand 504.**



24 ——— 27  
September 2024

**Hall A3  
Stand 504**

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### About EuroSkyPark (ESP)

EuroSkyPark GmbH has been providing its customers in the power generation, utilities, critical infrastructure, industry and security sectors with reliable blackout-proof connections and the highest bandwidths for many years. The company is a leader in the market for high-availability data transmission of measurement, control and regulation data and operates large SCADA networks via satellite. With this experience

and its own technology, EuroSkyPark has established itself as an "enabler of the energy transition". The offshore wind farms connected by EuroSkyPark in the North Sea alone supply a total of seven gigawatts of power.

The company is headquartered in Saarbruecken and has offices in Europe and around the world.