



High performance, low power

Its products are found in low-orbit satellites and deep-space mission equipment, as well as in life vests and luxury watches: Syrlinks SAS is one of the most recognized providers of radio communication and geolocation solutions. The successful, medium-sized enterprise supplies a wide diversity of application markets, always with the same promise, though: the highest performance and reliability, low power consumption, compact design and outstanding value for money.



GPS and GNSS signal recorder and playback device, designed for defense applications in the harshest environments

Syrlinks specializes in radio communication and geolocation subsystems for space, defense and safety applications. Based in Brittany in northwestern France, the privately-owned enterprise designs and produces high-end, low-power equipment for use in critical environments. The company's space solutions include radio communication systems and positioning equipment for low earth orbit satellites, such as Telemetry, Tracking & Command (TT&C) transceivers and transmitters as well as GPS and GNSS receivers. Syrlinks systems boast more than 500 years of cumulative operating time in space with zero default. The company has desi-

gned two satellite radio solutions for the Myriad Evolution platform for the French National Centre for Space Studies CNES, which today is also being used by the aerospace manufacturer Thales Alenia Space and Airbus Defence

and Space. Another famous development accomplished by the French radio communication experts is a high-performance S-band TT&C transceiver which was built into the Philae robotic lander as part of the European Space Agency's Rosetta ten-year, deep space mission. "In the first years, our main focus had been on the space industry," says President & CEO Guy Richard who established Syrlinks, together with three experienced partners, in 2011. For the defense sector, the company offers compact, electronic warfare equipment and embedded positioning systems. The third Syrlinks

business unit, Safety, supplies miniature distress beacons for search and rescue applications. In cooperation with the luxury watchmaker Breitling, the company has developed the world's smallest dual-frequency, satellite emergency beacon integrated into the firm's high-end Emergency timekeeper. To develop new markets, Syrlinks has launched SIMY, a new emergency beacon brand targeted at the leisure boating and outdoor equipment markets (www.simy-beacons.com). "The first product in the new line is called My-AIS, the world's smallest Automatic Identification System-Man



Based in Brittany, Syrlinks is a leading European supplier of radio communication systems for satellites



Equipped with its own, modern laboratory facilities, Syrlinks is constantly designing new communication solutions

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Over Board (AIS-MOB) beacon for life jackets,” explains Mr. Richard. The comprehensive Syrlinks equipment range is rounded off by ultralow power clocks for embedded time and frequency measuring applications.

Syrlinks has 107 employees and sales of ten million EUR. In the past four years, the company has grown by 30% annually. “Our equipment is very compact and consumes only a minimum of energy,” Mr. Richard says, giving a reason for the sustained success of Syrlinks. “At the same time, it is very efficient and reliable.” Last but not least, Syrlinks solutions offer unrivalled value for money.

“We use commercially available components which we then adapt to the specific needs of our customers in the space, defense and safety industries,” Mr. Richard notes, explaining the cost advantage of the French high-tech business. Syrlinks wants to maintain its strong growth and become the leading European supplier of radio communication systems for satellites by the end of 2018. The company also continues to expand its product range. “We are currently developing a completely new line of next-generation emergency beacons which is going to be launched in 2019,” states Mr. Richard. ■