

THE FRENCH “NEWSPACE” EQUIPMENT MANUFACTURER SYRLINKS LAUNCHES SLX-TIMING, ITS BRAND OF VERY HIGH PRECISION CLOCKS FOR EMBEDDED ELECTRONIC SYSTEMS

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Used in all its satellite radio transmitters/receivers, Syrlinks clocks and precision oscillators are among the most compact and energy efficient in the world. They are manufactured in France.

To accelerate its international development, SYRLINKS creates the brand **SLX-TIMING** dedicated to its oscillators and precision clocks for space, civil and military embedded systems. SLX-TIMING will present its products and latest innovations at the International Timing and Synchronization Fair in Düsseldorf from November 7 to 10, 2022 **#ITSF2022**

A UNIQUE KNOW-HOW IN THE WORLD, MADE IN FRANCE

The extreme miniaturization associated with the very low power consumption of SLX-TIMING precision clocks is a technological challenge that Syrlinks masters only like few other companies in the world.

Three manufacturers (United States, Russia, France) are distinguished on these advanced markets and are capable of such performances as this physical compromise is difficult to obtain.

SLX-TIMING: MASTERY OF THREE KEY TECHNOLOGIES FOR ACCURATE TIME

SLX-TIMING stands out in its markets thanks to its mastery of three key technologies that enable the development of innovative products with ultimate performances:

- GPS/Galileo signal synchronization
- thermostatically controlled quartz oscillators with 10 to 20 times lower power consumption
- miniature Cesium atomic clocks (20 cm³) accurate to 1 second every 3000 years

THE CHALLENGE OF MAINTAINING TIME IN THE ABSENCE OF GPS SIGNALS

The control of precise time on board a satellite or on earth in the absence of GPS signals is a strategic technological issue, especially if the electromagnetic environment is hostile (voluntary jamming of GPS signals). Many of our modern critical infrastructures operate thanks to the precise time provided by GPS satellites (5G network, energy, air transport, railways, defense...).

SLX-TIMING provides precision clocks that maintain these services in the absence of GPS signal.



*SLX-TIMING Synchronization
and timing modules*



*SLX-TIMING Oven Controlled
Crystal Oscillators*

ABOUT SYRLINKS

Located in Rennes, France, Syrlinks is a French tech company that has increased its workforce by a factor of 10 since its creation in 2011. In a few years, the company has become the world leader in radio equipment for satellites and equips with its products the first mega-constellation OneWeb that provides high-speed internet from space. Syrlinks also designs miniature oscillators and atomic clocks with very low power consumption which provide a competitive advantage in many civil and defense applications.

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