



Lynred and constellr join forces on next-generation infrared detection technologies for European Earth observation

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Lynred's infrared detection technologies will contribute to the next-generation capabilities of Constellr's future constellation, which is scheduled for deployment from 2028 onwards. This cooperation will strengthen the European industrial foundation of Constellr's future constellation, while contributing to the commercial-scale deployment of high-performance infrared technologies. constellr follows a multi-supplier approach across Europe, with payload and sensor configurations selected per mission and customer requirement.

Beyond this initial cooperation, **Lynred and constellr intend to collaborate on new detection solutions and advanced infrared architectures for future generations of satellites.** The objective is to significantly improve spatial resolution, swath and revisit frequency, while maintaining cost, size, power consumption and industrialisation levels compatible with the deployment of large commercial constellations.

This long-term cooperation will **combine Lynred's expertise in critical, high-performance infrared technologies with constellr's ability to design, deploy and commercialise Earth observation capabilities at constellation scale.**

This partnership is one element of constellr's roadmap, **which foresees the deployment of several dozen infrared satellites over the coming years to address a growing range of applications.** Target markets will be dual-use, spanning both commercial and institutional customers, particularly in defence and security, critical infrastructure, energy, agriculture, urban resilience and environmental monitoring.

In parallel, **Constellr's roadmap will contribute to Lynred's development in the New Space market** by creating opportunities for larger-scale serial production and supporting the industrial ramp-up of advanced infrared technologies for space applications.

constellr

"Building a European champion in infrared Earth observation means combining Europe's best critical technologies with the ability to deploy them at commercial scale. The world-class infrared technologies developed in France by Lynred are exactly the kind of strategic capabilities we want to build on,

alongside our other leading European technology partners. But technology alone is not enough: creating a global leader also requires strong industrial partnerships across Europe, bringing together complementary expertise from key regions. This partnership is a concrete illustration of our ability to combine European technological excellence, sovereignty and commercial scale-up to compete globally."

Max Gulde, CEO of Constellr

Lynred

"Lynred is proud to contribute to the emergence of European New Space champions. Our sovereign technologies combine performance and maturity, enabling the responsive delivery of a competitive dual-use constellation offering."

Constellr is an important and dynamic partner, demonstrating the relevance of sovereign European cooperation in space."

Herve Bouaziz, Executive Chairman of LYNRED

About Constellr

constellr is a European Earth observation company that develops and operates a constellation of high-resolution thermal infrared satellites.

Its thermal intelligence solutions enable customers to measure temperatures, detect activity and monitor changes across a wide range of applications, including defence and security, critical infrastructure, energy, agriculture, urban resilience and environmental monitoring.

www.constellr.com

About Lynred

Lynred is a global leader in the design and manufacture of high-quality infrared technologies for aerospace, defence, industrial and commercial applications. Based in France, the company draws on four decades of expertise in infrared detection technologies and already contributes to major European and international space programmes.

Its extensive catalogue of infrared sensors covers the entire electromagnetic spectrum, from near to very far infrared. Its products are at the heart of numerous military programmes and applications. They are key components in many leading brands of commercial thermal imaging equipment sold in Europe, Asia and North America. LYNRED is Europe's leading manufacturer of IR detectors deployed in space.

<http://www.lynred.com>