

PRESS RELEASE

Safran has signed a partnership agreement with CAILabs to increase drastically data transport capacity onboard aircraft

Toulouse – October 16, 2018 Safran Electrical & Power has signed a technological and trade cooperation agreement with the startup CAILabs to transpose CAILabs' innovative technology currently implemented in telecom networks to the aeronautical domain.

This technology, called Multi-Plane Light Conversion, which consists in mixing several optical flows on the same fiber optic, will allow Safran to increase drastically data transport capacity onboard aircraft. The aim is to meet the growing need for onboard data exchanges, both for passenger connectivity and the aircraft's technical functions that require ever-more bandwidth.

The jointly developed optical components should eventually help Safran to facilitate the development of onboard data interconnect systems and reduce aircraft modification costs, by decreasing the quantity of wiring.

"This partnership with CAILabs helps us meet the challenges of the aeronautical market. We have to transport more and more onboard data while simplifying the design and production of interconnect systems for our clients. This technology helps us to have the equivalent of 10 fibers in one", Sébastien Jaulerry, General Manager of Electrical Interconnect Systems in Europe and Asia for Safran Electrical & Power, states proudly.

"We are proud to have signed this ambitious agreement with Safran Electrical & Power, the leader in aeronautical wiring. This partnership is a great example of our "CAILabs inside" strategy - bringing new and relevant solutions to the market by combining CAILabs' innovative technology and Safran Electrical & Power's deep understanding of market challenges," says Jean-François Morizur, Chairman of CAILabs.

Safran has taken a stake in Cailabs in 2017, through Safran Corporate Ventures, its corporate venture subsidiary dedicated to investments in innovative technology companies.



Safran is an international high-technology group, operating in the aircraft propulsion and equipment, space and defense markets. Safran has a global presence, with more than 58,000 employees and sales of 16.5 billion euros in 2017. Safran is listed on the Euronext Paris stock exchange, and is part of the CAC 40 and Euro Stoxx 50 indices. Including Zodiac Aerospace, acquired by Safran in February 2018, the Group has over 91,000 employees and would have around €21 billion in adjusted revenues (pro forma 2016).

Safran Electrical & Power is one of the world market leaders in electrical systems in aeronautics, number 1 in wiring and number 2 in power systems. A key player in the field of more electric aircraft, the company employs more than 13,000 people in 12 countries.

For more information: www.safran-group.com and www.safran-electrical-power.com / Follow @Safran and @SafranElectric on Twitter

Founded in 2013, **CAILabs** is a French deep tech company that designs, manufactures and sells innovative photonics products for telecommunications and industrial lasers. A world leader in complex light shaping, its technology is currently covered by 14 patents. Its innovative components play a role in a variety of fields, from aeronautical wiring to factory premises networks, not forgetting additive manufacturing or its contribution to several world records (in particular, the fiber optic flow record held by Japanese operator KDDI).

Deep Tech, which now addresses a worldwide market, has won several awards, most notably the EY Born Global Award for its international dimensions, the Pass FrenchTech prize for its growth in excess of 100% year on year and the DeepTech4Good Industry 4.0 award for the importance the company gives to technological leadership. CAILabs, based in Rennes, has raised €8.6 M since its creation and has 40 staff.

Contact(s)

Press / Safran Electrical & Power
Mélodie Susini / melodie.susini@safrangroup.com / +33 6 42 81 99 04

Press / Cailabs
Cécile Barbier / cecile@cailabs.com / +33 6 27 61 58 06