

## **Ekinops' SixSq joins 5G-EMERGE to build solutions for the satellite-enabled 5G media market**

PRESS RELEASE

**Paris, 5 July, 2022** – [Ekinops](#) (Euronext Paris - FR0011466069 – EKI), a leading network access and virtualization specialist, is proud to announce the participation of SixSq in the 5G-EMERGE project, which aims to develop solutions that leverage 5G technology and satellite broadcasting to put Europe at the vanguard of media delivery technology. The project is part of the European Space Agency (ESA) programme of Advanced Research in Telecommunications Systems (ARTES) led by the European Broadcasting Union (EBU).

The 5G-EMERGE project aims at developing an integrated satellite and terrestrial system based on open standards to enable high-quality content distribution services over multi-layer IP infrastructures. Telecommunications satellites will efficiently deliver high-demand content, including streaming of live events, as close as possible to the end user – to the 'edge'. The project includes demonstrations in 5G base stations, users' homes and vehicles.

A consortium of 20 companies from six European countries will collaborate on developing the distributed edge technology and service-delivery features.

SixSq's contribution includes leading the demonstration work package and providing the edge-to-cloud software infrastructure based on its Nuvla.io B2B SaaS platform and marketplace of containerised applications, as well as its open source NuvlaEdge software.

**SixSq CEO Marc-Elia Bégin** said, "leveraging satellite broadcast and 5G is a great opportunity to deliver the right high-density content at the right location with the right customization. However, this requires fine-tuned orchestration of the entire value chain and this is what SixSq edge-to-cloud software provides. We are no stranger to big challenges posed by ESA and EBU and are looking forward to pushing the boundaries of edge-to-cloud, bringing together the space sector, 5G and multi-media content delivery."

"The 5G-Emerge project is yet another example of Ekinops' long commitment towards software innovation as a mean to add value to the telecommunications sector", commented **Vincent Munière, Group Chief Technology Officer & VP R&D** at Ekinops. "We are looking forward to helping set the bar in 5G services and content delivery".

For SixSq, this project is a unique opportunity to showcase its edge computing software's ability to orchestrate complex scenarios for a range of new commercial use-cases, ranging from maritime, vehicle, public transport, 5G and building applications. Working with market leaders in their domain, Nuvla.io will manage apps across the edge-to-cloud continuum.

ENDS

### **5G-EMERGE Consortium**

Arctic Space Technologies, Arthur D. Little, Athonet, Celestia Technologies Group, EBU, Fondazione LINKS, FTA Communication Technologies, G-Core Labs, MBI, Nagravision Sàrl, Nagravision AS, Rai, RomARS, SES Techcom, SixSq, Telenor ASA, Telenor Satellite, Telenor Maritime, TNO, Varnish Software, and ViaSat Antenna Systems.

### **Useful links**

[EBU](#)

[ARTES](#)

## Your contacts

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## About SixSq, an Ekinops company

SixSq's active participation in numerous international edge and cloud initiatives has solidified its reputation as a leading European cloud and edge computing expert. The team, which consists of highly skilled software engineers, developers and system administrators, is based in Geneva, Switzerland, and embraces the Swiss ideals of excellence, innovation and precision. The company provides the edge-to-cloud management platform Nuvla.io, which allows enterprises to deploy a secure and comprehensive edge and cloud strategy, including a marketplace of business applications. The NuvlaBox software turns any x86 or ARM hardware platform into a smart edge device which customers use to deploy containerized retail, manufacturing, smart city and transport applications.

For more information, visit: [sixsq.com](http://sixsq.com)

## About Ekinops

Ekinops is a leading provider of open, trusted and innovative network connectivity solutions to service providers around the world. Our programmable and highly scalable solutions enable the fast, flexible, and cost-effective deployment of new services for both high-speed, high-capacity optical transport as well as virtualization-enabled managed enterprise services.

Our product portfolio consists of three highly complementary product and service sets: EKINOPS360, OneAccess and Compose.

- EKINOPS360 provides optical transport solutions for metro, regional and long-distance networks with WDM for high-capacity point-to-point, ring, and optical mesh architectures, and OTN for improved bandwidth utilization and efficient multi-service aggregation.
- OneAccess offers a wide choice of physical and virtualized deployment options for Layer 2 and Layer 3 access network functions.
- Compose supports service providers in making their networks software-defined with a variety of software management tools and services, including the scalable SD-WAN Xpress and SixSq Edge-to-Cloud solutions.

As service providers embrace SDN and NFV deployment models, Ekinops enables future-proofed deployment today, enabling operators to seamlessly migrate to an open, virtualized delivery model at a time of their choosing.

A global organization, Ekinops (EKI) - a public company traded on the Euronext Paris exchange operates on four continents.

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For more information, visit <http://www.ekinops.com/>