

## Press release

### **SES UNVEILS TACTICAL SURVEILLANCE AND COMMUNICATIONS SOLUTION TO HELP ADDRESS GLOBAL SECURITY THREATS**

*SES's first Government+ product offering, Tactical Persistent Surveillance (TPS), is a highly portable solution capable of quick deployment and operations around the world*

LUXEMBOURG, 22 September 2016 -- SES S.A. (Euronext Paris and Luxembourg Stock Exchange: SESE) today introduced a fully integrated portable surveillance and communications solution designed to provide enhanced situational awareness for border security, special event monitoring and disaster response missions around the world.

Tactical Persistent Surveillance (TPS), SES's first Government+ product offering, is a highly portable solution capable of quick global deployment and operations. The modular TPS platform is based on Lighter-Than-Air (LTA) inflatable aerostat technology, which hosts a variety of advanced electro-optical (E/O) sensor and communications payload options at altitudes up to 1,000 feet.

The advanced sensor payload can transmit or backhaul ISR (Intelligence, Surveillance and Reconnaissance) video and data via satellite to a centralised monitoring and control centre, using small aperture and quick deploy flyaway Ku-band antennas. The cost-effective ISR solution enables security, military defence and first responder teams to monitor areas on demand to detect, locate, characterize, identify and track people, objects and potential threats up to 5 kilometres away.

As part of its modular and multifaceted design, TPS can incorporate MIMO (Multiple Input Multiple Output) radio technology and provide a mobile ad hoc communications network with 3G, 4G, LTE or WIMAX broadband connectivity up to 20 miles from an E/O sensor in areas where infrastructure is non-existent or destroyed. Satellite-delivered IP service is also an option within the MIMO coverage area, enabling any IP enabled device to support a broad range of field applications, including video streaming, voice, Internet, and remote mission-critical applications such as biometric identification.

"TPS brings together advanced surveillance and communications technologies to help governments around the world address their defence, security and disaster response challenges more rapidly and effectively than before," explained Nicole Robinson, Head of Government Market Solutions Centre at SES. "TPS is the first of many customised government solutions to be launched as part of SES's Government+ portfolio of innovative ISR and disaster response offerings. It allows defence, security and emergency response teams to gather and analyse real-time, relevant intelligence, which in turn enables them to make the most accurate and informed decisions virtually anywhere in the world."

More information about Tactical Persistent Surveillance: [www.ses.com/tps](http://www.ses.com/tps)



For further information please contact:

Markus Payer

Corporate Communications

Tel. +352 710 725 500

[Markus.Payer@ses.com](mailto:Markus.Payer@ses.com)

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### **About SES**

SES (Euronext Paris and Luxembourg Stock Exchange: SESG) is the world-leading satellite operator with a fleet of more than 50 geostationary satellites. Focusing on value-added, end-to-end solutions in four key market verticals (video, enterprise, mobility and government), SES provides satellite communications services to broadcasters, content and internet service providers, and mobile and fixed network operators, as well as business and governmental organisations worldwide. SES stands for long-lasting business relationships, high-quality service and excellence in the satellite industry. The culturally diverse regional teams of SES are located around the globe and work closely with customers to meet their specific satellite bandwidth and service requirements.

SES's subsidiary, MX1, is one of the leading media service providers and offers a full suite of innovative digital video and media services.

Through its ownership of O3b Networks, a next generation satellite network combining the reach of satellite with the speed of fibre, SES significantly enhanced existing video and data capabilities. SES is the first satellite provider in the world to deliver a differentiated and entirely scalable GEO-MEO offer with powerful technical capabilities across numerous market segments and geographies.

At SES we are shaping new ecosystems and laying the groundwork for new foundations.

Further information available at: [www.ses.com](http://www.ses.com)