

## Press release

### SES SHOWCASES LIVE DEMO OF IP-LNB AT IBC 2013

LUXEMBOURG, September 12, 2013 – SES (NYSE Euronext Paris and Luxembourg Stock Exchange: SESG) announced today that it will present a live demonstration of a pre-production eight-channel IP-LNB (low-noise block converter) at its stand at IBC 2013.

The IP-LNB is based on SES' SAT>IP technology and will deliver eight concurrent satellite programmes in Ku-band in SD, HD or Ultra HD quality via IP unicast or multicast to fixed and portable devices. This new technology converts satellite signals directly at the antenna into IP signals before distributing them via Ethernet, power-line communications (PLC) or a Wi-Fi local area network (WLAN). The technology can be used for free-to-air (FTA) or pay TV applications.

This new technology enables satellite signals to be sampled digitally directly at the antenna, making the satellite spectrum data and other link-quality metrics accessible over the LAN. These advancements greatly simplify the satellite antenna installation and enable signal quality monitoring for operators.

The IP-LNB was conceptually developed by SES and is built by Luxembourg based manufacturer Inverto Digital Labs. The IP-LNB technology was first demonstrated at SES' Industry Days 2013 conference that was held on April 18 and 19 in Luxembourg.

“The IP-LNB will provide satellite television providers and consumers with a new option when it comes to distributing unmatched high-quality TV content to multiple TVs, computers and tablets over IP. Such innovation has always been part of the roadmap when we established SAT>IP as an open standard,” said Thomas Wrede, Vice President, Reception Systems at SES. “It is exciting to see how the industry is working towards making satellite TV content easily accessible on all IP-devices at home so that everyone can enjoy high-quality images.”

The IP-LNB will be available in prototype quantities as of December 2013 and is expected to be available in the market in 2014.

Visitors of IBC 2013 will be able to view the IP-LNB demo at the SES stand at Hall 1, stand B51.

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### **About SES**

SES is a world-leading satellite operator with a fleet of 53 geostationary satellites. The company provides satellite communications services to broadcasters, content and internet service providers, mobile and fixed network operators and business and governmental organisations worldwide.

SES stands for long-lasting business relationships, high-quality service and excellence in the broadcasting 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 (NYSE Euronext Paris and Luxembourg Stock Exchange: SESG) holds participations in Ciel in Canada and QuetzSat in Mexico, as well as a strategic participation in satellite infrastructure start-up O3b Networks. Further information under: [www.ses.com](http://www.ses.com).