



## press release

### **TRIAX and Astra present new IP-LNB at ANGA COM 2015**

*Cologne/Munich/Pliezhausen, 8 June 2015.* TRIAX, leading global supplier of innovative, high-tech solutions for the reception and distribution of video, audio and data signals, and Astra will present a new eight-channel IP-LNB (low-noise block converter) from TRIAX at their respective stands at ANGA COM 2015. The new TRIAX IP-LNB is based on SES' SAT-IP standard protocol technology and will deliver eight concurrent satellite programmes in SD, HD or even Ultra HD quality via IP to portable devices like, tablets, smartphones and to PCs or TV sets. 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). By locating the satellite reception and the IP bridging functions in the antenna the IP-LNB will enable satellite content distribution to the home over a single Ethernet cable. The IP-LNB may be powered over that same cable through Power over Ethernet (PoE) technology, greatly reducing the overall system cost and power consumption.

“The IP-LNB will provide consumers with a new option when it comes to distributing unmatched high-quality TV content to multiple TVs or tablet computers over IP. Such innovation has always been part of the roadmap when we established SAT-IP as an open standard,” said Wolfgang Elsässer, Managing Director Astra Deutschland. “It is exciting to see how our industry partners like TRIAX are working towards making satellite TV content easily accessible on all IP-devices at home so that everyone can enjoy high-quality images.”

“We believe in, that TV should be available anywhere and anytime. That is why we have invested in this new technology, which will allow people with satellite reception to have TV broadcasted on multiple devices like tablets, smartphones and TV's and in a very high quality. The FreeToAir version is ready, and for pay-tv solutions the next step will be to build in DRM in partnering with broadcasters who want to take part in this exciting future for satellite reception. The potential and the possibility is there, and this is a unique opportunity to be first mover, and harvest from new revenue streams, says Peter Lyhne Uhrenholt, Product Director at TRIAX.

Visitors of ANGA COM will be able to view the TRIAX IP-LNB at the TRIAX stand at Hall 10.2, stand G11 and at the Astra stand in hall 10.2 / stand E15.

Designing such a novel LNB requires significant advances in satellite chipset and real-time IP streaming software technology in order to meet the unique system requirements on the size, power consumption and long-term reliability. The new device combines SES' SAT>IP protocol innovations, MaxLinear's Full-Spectrum Capture™ (FSC™) DVB-S2 receiver IC and TRIAX new high-performance LNB product design.

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About Astra Germany

Astra Germany GmbH is a subsidiary of SES, a world-leading satellite operator with a fleet of more than 50 geostationary satellites. Astra Germany is responsible for marketing and sales of the SES services in Germany, Austria and Switzerland. Via the orbital position 19.2 degrees east, Astra is transmitting around 300 channels in German language, thereof 90 in HD quality. Astra is the leading TV infrastructure in Germany. At the end of 2014, 18.2 million households in Germany were receiving their TV programmes via satellite.

[www.astra.de](http://www.astra.de)

<http://www.facebook.com/Astra.Deutschland.GmbH>

<http://www.youtube.com/AstraDeutschlandGmbH>

About TRIAX:

Headquartered in Denmark, TRIAX is an international supplier of innovative, high-tech solutions for the reception and distribution of video, audio and data signals. The company's products and solutions are used by broadcasters, cable operators, local closed networks and in domestic dwellings. TRIAX has nine sales subsidiaries generating a turnover of €100million and operates through distributors in more than 60 countries. TRIAX employs approximately 350 team members and is part of Nielsen & Nielsen Holding, an international group employing 1600 people. Visit [www.TRIAX.com](http://www.TRIAX.com) for further information.