



NAGRA AND MSTAR ENABLE SECURE DELIVERY OF PAY-TV DIRECTLY TO CONNECTED STBS AND TVS

- Companies complete integration of NAGRA On-Chip Security (NOCS3) with MStar K6 and K7Plus set-top box (STB) chips and EMC5 television chip.
- Solutions use NAGRA anyCAST CONNECT converged CAS/DRM client in connected STBs and TVs to enable studio-approved 4K-UHD services.
- Pre-integration with NAGRA MediaLive OS, RDK 2 and Android provides diverse service providers with maximum STB user experience choice.

CHESEAUX, Switzerland – September 7, 2016 - NAGRA, a digital TV division of the Kudelski Group (SIX:KUD.S) and the world's leading independent provider of content protection and multiscreen television solutions, and MStar Semiconductor, Inc., a leading global semiconductor company for display and digital home solutions, announced today the completion of integration of NAGRA's NOCS3 hardware security technologies directly into MStar's System-On-Chips (SoCs) for connected STBs and Connected TVs. This gives pay-TV operators superior security for high-value pay-TV services and enables them to license 4K-UHD and HDR content from all major Hollywood studios.

NAGRA NOCS3 and anyCAST CONNECT converged CAS/DRM client are now directly integrated into MStar chipsets and the MStar Trusted Execution Environment (TEE). The joint STB solution integrates NAGRA's NOCS3 technology with MStar's K6 and K7Plus chipsets, enabling two-way cable operators and telcos to deploy advanced boxes supporting connected broadcast, IPTV, operator OTT and third-party OTT services like Netflix, and in-home content distribution, all secured by a single CONNECT client. The joint solution has also been pre-integrated with NAGRA MediaLive OS, RDK 2 and Android operating systems in order to provide service providers with a wide variety of choices.

The MStar EMC5 television SoC integration enables pay-TV service providers to deliver high-value premium content directly to supported TVs without a set-top box while still meeting strict MovieLabs standards for Enhanced Content Protection. Service providers can implement their own Electronic Program Guide using the TV manufacturer's SDK or the HbbTV standard.

"We are pleased to be working with MStar to bring NAGRA's next-generation converged CAS/DRM solutions directly to their range of set-top box and TV SoC's," said Maurice van Riek, Senior Vice President, Head of Content and Asset Security for NAGRA. "By working together, we enable MSOs and telcos to pursue new business models like Direct-to-TV pay-TV services, as well as making their operations more efficient by centralizing security into a single client and a single Security Services Platform that also embraces other 3rd-party DRMs."

“MStar’s high-caliber set-top-box and TV chipsets can provide the perfect solution to pay-TV companies who wish to offer the world’s most valuable content to their customers,” said Wayne Tsai, Marketing Director at MStar Semiconductor, Inc. “Our work with NAGRA provides a robust security solution for the 4K-UHD Connected TV and STB market, and provides innovative new ways to deliver premium pay-TV services to new market segments.”

For more information about NAGRA Connected TV solutions, please visit the NAGRA IBC booth C81 in Hall 1 of the RAI Convention Centre, September 9-13, 2016, in Amsterdam or visit dtv.nagra.com/ibc.

About NAGRA

NAGRA, a digital TV division of the Kudelski Group (SIX:KUD.S), provides security and multiscreen user experience solutions for the monetization of digital media. The company provides content providers and DTV operators worldwide with secure, open and integrated platforms and applications over broadcast, broadband and mobile platforms, enabling compelling and personalized viewing experiences. Please visit dtv.nagra.com for more information and follow us on Twitter at @nagrakudelski.

About MStar Semiconductor, Inc.

MStar Semiconductor, Inc. is a world-class leader in Application Specific ICs with a focus on consumer electronic products and communication applications. Since the inception in 2002, MStar has established a strong brand and leadership position in LCD controller, analog and digital TV, and set-top box by fully leveraging its core expertise of cutting-edge design capabilities, continuous innovation and premier customer-focused services. Headquartered in Taiwan, MStar has a comprehensive global footprint of international R&D and customer support centers to provide a full range of total solutions for various consumer electronic applications. For more information, please visit mstarsemi.com.

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