

Rohde & Schwarz subsidiary GMIT launches enhanced RelayCaster for live content contribution over public Internet at IBC 2017

At IBC 2017, GMIT GmbH (stand 7.E25) will showcase its newly acquired RelayCaster and CodecCaster products for the first time since acquiring the technology of Motama GmbH earlier this year. The company will introduce the latest version of RelayCaster for content contribution over public IP networks and CodecCaster for high-density live transcoding.

Munich, August 17, 2017 – The new version of RelayCaster features integrated SDI/HDMI input and encoding – features which add further value to this remarkably cost-efficient live content contribution platform.

With RelayCaster, reliability of contributing and distributing live content via unmanaged networks is significantly improved, as packet loss issues are efficiently resolved. RelayCaster enables the replacement of expensive, dedicated links or contracts with CDN service providers. In contrast to these services, RelayCaster is not limited to certain regions or data centers. RelayCaster enables distribution of content across any distance, to any place that is reachable by Internet infrastructure. With optional encryption, data streams will be protected between all senders and receivers.

RelayCaster targets live content producers & aggregators as well as live content service operators and OTT operators. It extends the reach of live streams to a global scale, harnessing the power of the internet as a flexible and cost-effective means of content contribution and distribution.

“Eventhough it is utilizing the public, unmanaged IP networks, RelayCaster enables secure and reliable data contribution,” commented Dr. Marco Lohse, Director of R&D IP Gateways at Rohde & Schwarz subsidiary GMIT GmbH. “It empowers users to create flexible and scalable do-it-yourself content delivery networks and by doing this it offers unbeatable levels of OPEX using internet capacity in such a creative way.”

High density live encoding

Also being showcased by GMIT GmbH at IBC 2017 is CodecCaster. This system is a turn-key solution for real-time transcoding, offering high-performance and high-quality IP-based format conversion and bitrate reduction for MPEG transport streams. CodecCaster fully supports transcoding and transrating to multiple bitrates for adaptive streaming for MPEG-2, AVC/H.264 and HEVC/H.265. The output of DVB compliant and OTT streams is also supported. In addition, audio pass through and audio transcoding for AAC, MPEG audio and Dolby Digital Plus is available.

The new version of RelayCaster, together with CodecCaster, are shipping immediately and can be purchased through channel partners and Rohde & Schwarz sales agencies worldwide.

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Rohde & Schwarz

The Rohde & Schwarz electronics group offers innovative solutions in all fields of wireless communications as well as in IT security. Founded more than 80 years ago, the independent company has an extensive sales and service network with subsidiaries and representatives in more than 70 countries. On June 30, 2016, Rohde & Schwarz had approximately 10,000 employees. The group achieved a net revenue of approximately EUR 1.92 billion in the 2015/2016 fiscal year (July to June). The company is headquartered in Munich, Germany, and also has strong regional hubs in Asia and the USA.

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GMIT

GMIT GmbH develops multiviewer and automated monitoring products for operating and monitoring broadcast and streaming infrastructures. These products feature top performance and availability and are based on GMIT software components and technologies for processing video, audio and data in realtime.