Rohde & Schwarz monitoring and multiviewer solution successfully tested for compatibility with Unified Streaming's Unified Origin

Rohde & Schwarz tested Unified Origin from Unified Streaming for compatibility with its R&S PRISMON monitoring and multiviewer solution. R&S PRISMON successfully received and monitored in detail all common OTT protocols, including HLS and MPEG-DASH.

Munich, September 25, 2017 – Unified Origin is an all-in-one solution for media content streaming. It creates HDS, HLS, MPEG-DASH and MSS formats dynamically from a single source. OTT providers use this solution to process their content for delivery to mobile devices. Unified Origin offers advanced features for adding multiple audio codecs such as Dolby Digital Plus (E-AC-3), DTS Express and Fraunhofer HE-AAC v2 (multichannel).

The R&S PRISMON automatically monitors transmitted broadcast and streaming media content in parallel. Service providers can use the combination of R&S PRISMON and Unified Origin to meet their contractual requirements with respect to service quality and availability. The two firms therefore tested Unified Origin and the monitoring and multiviewer solution for compatibility, with successful results.

Bjoern Schmid, Director of R&D Monitoring & Analysis at Rohde & Schwarz, commented, "Unified Origin is already very successful in the marketplace. We are pleased that the solution has proven compatible with our R&S PRISMON and that it adds a unique set of features."

"Automated monitoring of a multiprotocol OTT stack typically is hard to do", says Dirk Griffioen, CEO Unified Streaming, "we're excited this has now become possible with the new R&S PRISMON."

R&S PRISMON supports transport standards such as SDI, AIMS/SMPTE 2110, SMPTE 2022-6, ASPEN, SMPTE 2022-1/2, HLS, HSS and DASH as well as media formats such as MPEG-2/4, HEVC and TICO. Users can efficiently and flexibly add new standards and media formats via software upgrades. R&S PRISMON automatically detects dropouts and content errors in realtime, using sophisticated monitoring functions such as "video freeze with whitelisting" and "video content compare".

A large number of channels – including those in UHD quality – can be monitored in parallel with R&S PRISMON and visualized in a straightforward manner on a multiviewer video wall. R&S PRISMON is easy to set up and operate via its intuitive, web-based user interface. It is up and running within a very short time and can be administered via SNMP or remote API. Users can use the convenient graphical editors to adjust the layout of the multiviewer video wall to their specific needs. R&S PRISMON allows fast and easy operation and administration under widely varied operating conditions.

The monitoring and multiviewer solution is available in various hardware configurations and as a cloud-based installation.

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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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All press releases, including photos for downloading, are available on the Internet at http://www.press.rohde-schwarz.com.

Unified Streaming

Unified Streaming is dedicated to helping companies create and execute smart video streaming technologies. Its products are in operation around the world, with customers ranging from live news broadcasters and major TV networks to service providers and technology partners.

The ease of use and reliability of our solutions allow customers to shorten their time-to-market. Our solutions fit into existing frameworks (Apache, IIS, Lighttpd, Nginx) thus allowing for greater return on existing investment and reducing delivery cost significantly.