

IBC 2017: Rohde & Schwarz subsidiary GMIT with world's first internet-based broadcast and OTT network monitoring app

At IBC 2017, GMIT GmbH (stand 7.E25 and 14.K18) will introduce a new commercial web service to supplement the Rohde & Schwarz content monitoring and multiviewing solution R&S PRISMON. R&S PRISMON was launched early this year as a convergent solution for content monitoring in both broadcast and streaming media/OTT environments. Now, for the first time worldwide, this new service provides users with real-time access to comprehensive monitoring and status parameters from R&S PRISMON monitoring probes on mobile internet-enabled devices using a secure web service anywhere, anytime.

Munich, September 11, 2017 — Rohde & Schwarz's A/V monitoring platform R&S PRISMON is designed for advanced, convergent content monitoring in broadcast and OTT delivery networks. It serves as a multiviewer and monitoring probe and helps operators efficiently ensure service quality and availability – supporting formats from SMPTE 2110 to MPEG-DASH.

Now, GMIT GmbH launches the accompanying virtuWall portfolio with a new web service which provides a secure connection to multiple PRISMON devices via a single entry point, making complex virtual private networks (VPNs) obsolete. The virtuWall web service can either be installed on-premises or operated as cloud service by GMIT GmbH.

The virtuWall iOS App provides users with all necessary information on the state and health of all monitored services. If an error is detected, virtuWall notifies its users in real time and provides in-depth analysis capabilities. Accessing the multiviewer streaming output allows visual checking anytime, anywhere. Operators can quickly detect system failures and assess their severity from their mobile device.

“VirtuWall can revolutionize traditional broadcast monitoring workflows,” commented Marcus Ruoff, Product Manager at GMIT GmbH. “Operators are no longer tied to their consoles, working in shifts in case of a very rare system failure. Instead, they can focus on more productive tasks anywhere within their broadcast facility and still receive error notifications whether they are on- or off-site.”

virtuWall revolutionizes broadcast monitoring and control

For small and mid-sized network operators without true 24/7 operation, virtuWall dramatically increases service quality, especially outside normal business hours. Compared to traditional automated error notification by SMS or email, virtuWall allows users to further investigate the errors on the mobile device and consequently speeds up recovery.

Similarly, large network operators with a traditional master control room (MCR) or network operations centre (NOC) that is manned around the clock can work more efficiently using virtuWall. Instead of spending entire working shifts in front of monitors waiting for an occasional error to occur, operators and specialists can concentrate on maintaining,

optimizing and extending the platform and network. With virtuWall, they remain constantly informed and ready to act in case of an error.

Once downloaded from the app store, virtuWall is easy to set up and use. Access restrictions and configurations for all users are set up at a single central point within the new web service. All connections are highly secured using strong end-to-end encryption and comply with all potential security and privacy requirements.

virtuWall includes the following features:

- Status of all R&S PRISMON monitoring probes at a glance
- “Zero delay” status indication of all monitored broadcast & OTT services
- Streamed multiviewer screen for visual checking
- Access to log books, detailed measurement results, etc.
- Multiple layers of access restriction and protection – including TouchID fingerprint authentication

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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>.

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. By acquiring the technology of Motama GmbH, Rohde & Schwarz adds IP transmission, live transcoding, OTT streaming and DVB gateways to its product portfolio.