

Rohde & Schwarz storage solution brings more efficiency to Swiss technology service provider tpc

The broadcast and production service provider tpc Switzerland AG relies on the powerful combination of the R&S SpycerBox Cell storage solution from Rohde & Schwarz and the IBM Spectrum Scale file system solution. The company, whose clients include the Swiss broadcaster SRG SSR, will use the solution to optimize its workflow as well as to ensure quality and reliability.

Munich, July 13, 2017 — It was just this past April that Rohde & Schwarz introduced the new, intelligent storage and file management solution at the NAB trade show in Las Vegas. The IBM Spectrum Scale file system on the R&S SpycerBox Cell and R&S SpycerBox Ultra TL considerably facilitates workflows. Together with its partner, system integrator Jordi AG, Rohde & Schwarz landed a project for Zürich-based customer tpc. According to Michael Jordi, CEO of Jordi AG, "As a system integrator, Jordi AG values the expertise of its long-term partner Rohde & Schwarz as well as the professional collaboration with their team. No other manufacturer offers the media industry a product portfolio that can make such a significant improvement in workflow efficiency."

As a technology service provider for the media industry, tpc serves clients who demand exceptional quality, accuracy and reliability. Broadcasters must meet the increasing expectations of their audience in an increasingly competitive environment. This makes it imperative for tpc to have technology it can fully rely on. The combination of Rohde & Schwarz storage systems and IBM file management offers this reliability.

tpc already has two R&S VENICE ingest and playout servers in house. In the past, two four-channel R&S VENICE servers generated up to 80 read/write streams in parallel to eight automated third-party transcoder systems, each with four transcoding units, all of which had to be managed. The new storage and file management solution will be added to an existing network. The network only has a limited number of ports and there is limited space in the available racks. System integrator Jordi AG came up with the solution to install two clusters – one for read and one for write – each with two R&S SpycerBox Cell units using SSDs in a RAID 6 configuration.

IBM SpectrumScale is now used for file management. A 40GbE link using the NSD protocol serves as the backbone for each R&S SpycerBox Cell. A second 40GbE link from every R&S Spycerbox Cell combines two storage units into a SAMBA cluster and connects it to the central 40/10GbE switch. This provides the media links for the transcoder farm as well as the I/O connections for the overall system. Each R&S SpycerBox Cell uses an additional 10 GbE dual link, running NSD blocks via the central switch to the connected R&S VENICE servers. Separating the systems into input and output clusters optimizes the I/O performance for the massive data rates within each cluster. The solution fulfills all performance requirements within a single system of only four HUs.

Press contacts:

Europe (headquarters): Patrizia Muehlbauer, Phone: +49 89 4129 0, E-mail: press@rohde-schwarz.com

North America: Pam Sanders, Phone: +1 410 910 7908, E-mail: pam.sanders@rsa.rohde-schwarz.com

Asia Pacific: Wen Shi Tong, Phone: +65 6 307-0029, E-mail: press.apac@rohde-schwarz.com

Contacts for readers:

Customer Support Europe, Africa, Middle East: +49 89 4129 12345
customersupport@rohde-schwarz.com

Customer Support North America: +1 888 TEST RSA (+1 888 837 87 72)
customer.support@rsa.rohde-schwarz.com

Customer Support Latin America: +1 410 910 79 88
customersupport.la@rohde-schwarz.com

Customer Support Asia Pacific: +65 65 13 04 88
customersupport.asia@rohde-schwarz.com

Customer Support China: +86 800 810 8228 or +86 400 650 5896
customersupport.china@rohde-schwarz.com

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. R&S ® is a registered trademark of Rohde & Schwarz GmbH & Co. KG.

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

About tpc

tpc is the leading broadcast service provider in Switzerland. As a subsidiary of the Swiss public broadcasting association SRG SSR, tpc is responsible for all technology and production, including all TV, radio and multimedia contributions, of the Swiss broadcasting company SRF. tpc handles customer projects from different industries in Switzerland and other countries. With state-of-the-art studios, modern workshops and a multifunctional vehicle fleet, tpc sets technological standards and has received many awards.