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More security with less components

Optical RF signals redundantly transmitted, switched and distributed

At the ANGA Cable 2011 conference and trade fair in Cologne, Germany, May 3 to 5, 2011, DEV Systemtechnik for the first time presents new redundancy options for its Intelligent Optribution Chassis DEV 7114. According to DEV's motto „less is more“, RF signals can be optically transmitted, switched and distributed with increased security.

Unscheduled downtimes cause enormous follow-up costs, so there are heavy demands on the services availability of satellite ground stations, CATV head-ends and playout centers. Redundancy of important system functions and minimization of device count in the system are trusted measures for secure operations. The new redundancy options for the Optribution device are 6 x 1+1 maximum (one back-up path per main signal path), 1 x 4+1 (one back-up path per four main signal paths) or 1 x 8+1 (one back-up path per eight main signal paths). Up to now, this functionality could be realized only with at least two system components, the 3RU chassis DEV 7113 with 20 optical slots and the 4RU signal distribution system DEV 2190.

Within the Optribution product family, the 4RU chassis DEV 7114 with a total of 16 optical slots distributes (1:8, 16, 32, 64, 128) and switches (4x8, 16, 32 und 4x64) the incoming signals. It may be equipped with a multitude of modules and options, including optical CWDM multiplexers and demultiplexers.

About DEV Systemtechnik

DEV Systemtechnik GmbH & Co. KG is the first choice for the transmission and distribution of radio frequency signals as, for instance, required in head end stations. The company develops and produces leading-edge products and systems for the entire signal transmission path. The portfolio from DEV comprises fully coordinated product solutions, from antenna to receiver. All products are “Made in Germany” and meet the highest demands on system availability, reliability and controllability.

Contact:

DEV Systemtechnik GmbH & Co. KG
Ute Chandoni-Goebel
Email: uchandoni@dev-systemtechnik.com
Phone: ++ 49 (0) 6031/18999-60
Fax: ++ 49 (0) 6031/18999-15
www.dev-systemtechnik.com