

MEDIA RELEASE

High-speed Networks for Hotel Complexes

With Passive Optical LAN (POLAN) infrastructures, hotels and resorts are entering the infotainment future - efficient services that save space and are attractive in terms of cost.

Wetzikon, April 3, 2018. R&M, the globally active developer and provider of cabling systems for high-quality network infrastructures, based in Wetzikon, Switzerland, is providing an excellent opportunity to hotels by opening up the way to the future of digital infotainment and full-coverage high-speed data traffic. The key to a Gigabit connection for every hotel room consists of a modern fiber optic infrastructure called Passive Optical LAN (POLAN). This involves laying fiber optic cabling a long way into wide-reaching hotel floors, conference rooms, suites and outdoor facilities. "With POLAN, you can quickly supply top bandwidth everywhere with a comparatively low degree of installation," explains R&M. The Swiss cabling specialist is supporting the hotel trade all over the world with dedicated POLAN solutions which cater to the growing need for highly available, convenient broadband IP data transmission. A new solution catalog provides details of the POLAN range and fiber-optic based building cabling.

«Guests' expectations and convenience requirements are making it necessary to provide higher bandwidth in the entire complex from the lobby through guest rooms and banqueting rooms to the pool bar,» says R&M Product Manager Lars Züllig. Market surveys confirm that 89% of customers take a hotel's WLAN service into consideration when deciding where to book. R&M has already equipped numerous hotels and tourist complexes. These include, for example, Saraya Aqaba, a tourist and leisure destination on the Red Sea, the Millennium Hotel in Amman, the Kempinski Hotel Al Mouj in Muscat and the Marina Port Vell, a harbor for luxury yachts in Barcelona.



Due to the specific POLAN structure, decentral distributor rooms often become surplus to requirements. And this gives hotels more space to use for other purposes. Usually small distribution boxes in floors, ceilings or cabinets and at the end points of the cabling links are quite sufficient. R&M also recommends using the zone cabling principle for guest rooms. This involves installing mini distributors outside the rooms and laying Cat. 6 twisted-pair cables over the last meters to connect the end devices.

The distances in hotel complexes and resorts are irrelevant. With POLAN, Gigabit speed can be provided over several kilometers virtually free of loss. There are virtually no limits to transmission potential thanks to the singlemode fibers used in POLAN. When active devices and transmission speed are upgraded, the fiber optic network can still be used.

«Depending on the requirements and long-term plans of a hotel, a POLAN infrastructure can cost a fraction of comparable copper cabling,» says Lars Züllig. But the level of investment required is influenced by expectations concerning convenience, the level of development headroom and the installation concept. R&M thus recommends selecting expert planning partners and system integrators who are familiar with all factors of a POLAN installation. The modular principle of the R&M solution makes it possible to seamlessly extend, integrate or adapt cabling even several years after it was installed. R&M's POLAN infrastructures are designed for an operational life of up to 50 years.

More information:
www.rdm.com/sites/hotel-cabling



Images



Lars Züllig, Product Manager FO LAN Cabling, R&M



R&M's POLAN infrastructures are designed for an operational life of up to 50 years.

Image source: R&M

About R&M

R&M (Reichle & De-Massari AG) is a leading global producer of future-proof products and systems for communication and data networks. The company's close collaboration with certified partners results in pioneering connectivity solutions in the sectors LAN, Public and Telecom Networks as well as Data Centers. The Swiss family company stands for innovation, quality, and proximity to customers. More information can be found at www.rdm.com

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