



Data Center



Convincing cabling solutions



QUALITY

High-class networks

Communications networks have brought about permanent changes to our world. The thing that remains constant, though, is our desire for the best, most reliable way to exchange information with each other. This is an area where R&M is making a key contribution. We have set as our goal the development of the most advanced cabling technology for public and private networks.

As an independent Swiss family-owned company, we stand by our roots. These are: quality and precision, efficiency and reliability, innovation and sustainability, and long-term collaborations in close partnerships.

Everything began with the invention of the easy-to-install telephone outlet. With this, Hans Reichle and Renato De-Massari in 1964 laid the cornerstone for their company Reichle & De-Massari AG (R&M). Today R&M is an internationally recognized total supplier of passive distribution and connection technology for all levels of cable, telecom, broadband and data networks.

Our Swiss mindset of always providing top quality has a number of implications for your infrastructure: 100% long-term operational reliability, the lowest latency and zero loss of data, simple installation and fast maintenance, plus economic systems that hold their value year after year. R&M supports network operators with systems that stand out due to their consistent modular design, cost-effective fast installation technology, extensive functionality and their high level of adaptability. See for yourself!

A photograph of a sun-dappled forest path. The path is covered in fallen leaves and leads into the distance. Large, glowing, golden-yellow letters spell out the word "TRUST" across the middle of the path. The letters are three-dimensional and cast a soft glow on the ground around them. The background is filled with tall, slender trees and dense foliage, with sunlight filtering through the canopy.

TRUST

Continuity and customer focus

Well-known public and private operators of data and communications networks have been placing their trust in R&M's expertise for decades. Their trust is based on our sophisticated, powerful cabling solutions and the unceasing support we provide to our customers.

The way R&M conducts business is based on the founding values of this family-owned company with its rich tradition. With a high sense of responsibility and a clear focus on customers' needs, R&M takes the development of its business, respect for the environment and the implications of technical advances into equal consideration.

Users want cabling systems plus connection and distribution technology they can fully rely on for decades. These elements form the foundation of all communications networks. To continually improve these systems, R&M operates an international innovation center in which it makes above-average investments in research and development.

R&M expands upon its emphasis on quality, durability, convenience and precision with a farsighted system design which helps R&M installations maintain their value over the long haul. These features also support future applications and can be flexibly expanded or adapted to new market conditions. For network operators this means they can plan for the long term, they remain flexible and successful year after year, and they can always rely on their cabling systems.

DATA CENTER



Optimize your data center network to increase your business quality

Data center are at the heart of any business IT capability. Independent of their respective sizes, high availability and peak performance are required all-day, every-day. As networks are designed, deployed, scaled up, and replaced, infrastructure managers are struggling to keep pace because of complex architectures and operations processes. You can solve these challenges and meet the expanding needs of cloud architectures with R&M's data center solutions. Our extensive knowledge and expertise, coupled with high performance network connectivity and a centrally managed physical infrastructure support you in reducing deployment time, minimizing unplanned outages and infrastructure management costs. This increases time available for strategic activities and ensures an automatically documented delivery process.

If you are looking for trusted advice and a tailor-made cabling infrastructure – R&M can help.



Office

Robust solutions for structured cabling in offices, buildings and industrial plants.



Public networks

Commercially viable fiber optic solutions for the design and construction of future-oriented broadband infrastructures.



Components

Network security & availability starts with the reliable R&M high quality connectors.

FIELDS

Where we can help

R&M understands the business and IT issues that face enterprises today – concerns about network agility and deployment time, as well as the specific network documentation challenges affecting the data center. And we engineer our physical network solutions to address these issues. Regardless of the business vertical, data center solutions and the networking applications they support are critical to the enterprise.

- R&M ensures the most stringent standards in product quality, delivering connectivity that can improve your network **throughput by 5 to 20%**.
- Due to the flexibility of a **medium-sized company** as ours, we can commit ourselves to special requirements, individual adaptations and even custom-designed inhouse development.
- We help you effectively optimizing and documenting your network through our intelligent infrastructure management system. Hereby, you can minimize patching mistakes which cause **28% of downtime**, and save up to **10% OpEx** in networking energy costs.
- The installations are executed by **certified planners and installers** from the Qualified Partner Program (QPP).

Industry

Producing companies expect their data centers to support business processes and run reliably. Technically excellent solutions, coupled with a very high level of customer orientation are reflected in a high quality of advice.

Financial services

With exponential growth of market data and a continuous stream of new government regulations to comply with, you need a network that is easy to operate, document, and can accommodate the performance demands for traders.

Collocation

In a tough market, we can help you offer wholesale, retail and managed services with ease. Modular and scalable cabling infrastructure is our way to support collocations as a partner to realize increasingly short-term deployment times.

Government

Government agencies are charged with delivering a wide scope of services to the public with constant pressure of cost-efficiency. Automated infrastructure management systems reduce staffing hours without threatening your service quality.

Telecoms

The analogue switch-off and the transition to IP-only based networks leads to a major revision of data centers. Serving the carrier market for many years, we offer complete, best-in class solutions for IP PoPs and software-defined data centers.

SOLUTIONS

A real end-to-end solution

As a total supplier with an integrated systems approach for fiber optic and copper cabling R&M's comprehensive range of data center products and services help you finding the optimal cabling solution, saving costs by reducing installation and reconfiguration time, whilst keeping the future requirements of your network in focus. Our products and services are affected by the close, cooperative partnership with our customers, and our employees with their long-term experience.

We know that highly reliable network communication is a critical business issue in the operation of a data center. Complex physical infrastructures must be managed precisely. This is why we have developed the HD Platform system, a comprehensive suite of optical and copper components that allow rapid deployment and the ultimate flexibility. It is also the foundation of R&M*InteliPhy* – our automated infrastructure management system.

R&M*InteliPhy* is designed to monitor the end-to-end network cabling infrastructure effectively, 24/7/365. Its combines intelligent RFID-based hardware and an intuitive software platform to provide users with vision and control without adding complexity. R&M*InteliPhy* can enable effective optimization of your data center's physical layer through automated documentation, minimization of patching mistakes which cause 28% of downtime, and up to 10% OpEx savings in network energy costs.

Built on an understanding of the critical business and technology challenges of data center managers, we have established best of breed physical network solutions for High Performance Network Connectivity (HPNC). These are a set of factory pre-terminated bend-insensitive fiber, pre-terminated twisted-pair and direct attach (DAC) cabling systems designed for bandwidth-demanding data center applications.



SERVICE

R&M Service & Training

R&M customers always know what they can expect from us. They consistently receive expert answers, fast decisions and professional support. Qualified experts, available in all sales regions, pride themselves on taking the initiative on behalf of their customers.

Seamless service also includes the provision of prefabricated, factory-tested units. Expert advice during the planning of networks and distribution systems along with product evaluations are also things you can be sure to expect from R&M. When required, we develop custom-tailored solutions.

Higher reliability for users and network operators: the R&M Academy

The R&M Academy offers programs for partners and customers who would like to expand their knowledge and expertise in the installation, testing and maintenance of networks. With training courses and certification programs, R&M promotes the long-term quality of installations because the participants completely internalize R&M's consistent mindset as regards top quality.

Participants in the Academy receive detailed instruction to install R&M*freenet* and R&M*foxs* systems. Certified partners receive long-term guarantees and exclusive support services. R&M supports them over the entire life cycle of their installations.

In addition, a program has been developed especially for R&M*foxs* users– the Certified Installer Program (CIP). Participants can then install R&M*foxs* fiber optic systems in buildings as well as in the outside plant area in a professional manner without any problems. With CIP, R&M ensures that our customers all around the world can implement the identical highest level of quality standards.

A glowing neon sign spelling 'WHY' is positioned on a dark, rocky beach at night. The sign is composed of bright, glowing tubes that form the letters. The background features large, dark rocks and a small pool of water reflecting the ambient light. The overall scene is dimly lit, with the primary light source being the neon sign itself.

WHY

Get more

Flexible & equipped for the future

- Through a consistent modular approach and scalability, all options are open to you.
- Networks can be adapted at any time to new market developments and site conditions.
- R&M thinks ahead. Upcoming standards are already covered today.

Innovative & reliable

- Ingenious fast-assembly technology reduces installation time by as much as 30%.
- Error-free handling and high operational reliability thanks to training and professional instruction.
- Quality, prefabricated products and reliability features increase availability.

Efficient & cost-effective

- End-to-end compatible systems simplify planning, assembly and operation.
- The investments required are reduced by being able to purchase only what is needed to meet specific requirements but also having intelligent scalability in the network rollout.
- Favorable Capex/Opex ratio, fully justifiable total cost of ownership.



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