

## Forward-looking solutions for your building cabling

OPTICAL SOLUTIONS & INFRASTRUCTURE





## Pioneer in forward-looking fiber optic solutions. Since 1991.

Cloud Computing, Big Data, Artificial Intelligence, IoT: The transition to the digital society is unstoppable. As a result, the volume of data is growing on a worldwide level by more than 30% every year. There is no sign of this trend coming to an end. The result is unimaginable quantities of data that pass through building networks before being processed and stored at their ultimate destination. As a driver and pioneer in the field of smart technologies and solutions for IT cabling, Rosenberger OSI is one of the

leading European players in this demanding market segment. The increasing importance of bandwidth for modern applications and the expected developments of the coming years, combined with the ever-increasing interdependence of the various IT sectors, have motivated Rosenberger OSI, a specialist with more than 25 years of experience in high-speed IT cabling solutions for data centers, to extend its activities to include the office and building cabling sector.



## We deliver sustainable solutions: Flexibly and fast!

### **FORWARD-LOOKING – RIGHT FROM THE START**

Thanks to our long-standing expertise and our active participation in various associations and standardization bodies, we are already well aware of the demands that will be placed on your IT infrastructure of the future. Taking the individual components as our starting point, we develop application-specific, sustainable solutions. Rosenberger OSI's highly experienced employees will work with you on your project right from the outset. Rock-solid consulting. For a secure future. And a safe investment. That is what Rosenberger OSI stands for.

# 1

### **TECHNOLOGY LEADERSHIP**

As early as 1997, Rosenberger OSI was one of the first companies to look at the potential of parallel optics cabling. This pioneering technology is now a decisive factor for future-proof IT infrastructures. What is more, we are not satisfied just to offer standard solutions: our products stand for the best possible quality, maximized transmission values and ease of operation. All of which means you benefit from outstanding performance, exceptional modularity and the most efficient cabling solutions available.

# 2

### **OUTSTANDING AVAILABILITY THANKS TO TOP-QUALITY DOCUMENTATION AND COMPREHENSIVE SERVICES**

Transmission paths and attenuation budgets must be considered right from the start when designing the cabling for a building. Installation requires the utmost care and comprehensive know-how. In addition, the necessary resources must be available. Our skilled employees will work at your premises to ensure reliability and security in every phase of the project. Dependable. Committed. Straightforward. Offering planning, maintenance and documentation from a single source. Rosenberger OSI: Your direct route to efficient, high-performance building cabling.

# 3

# Future-proof cabling for your building.

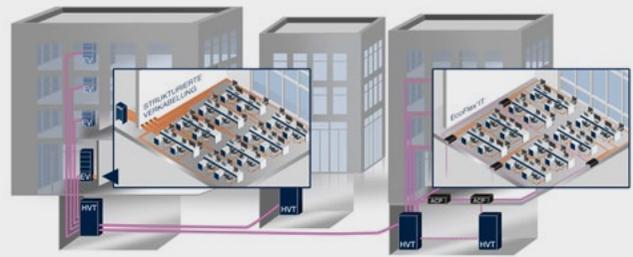
## NOW IS THE TIME TO THINK ABOUT THE FUTURE

Global data volumes are growing at a furious pace. In 2016, global data totalled more than 16 zettabytes and this volume is expected to increase by more than tenfold in just a few years. Consequently, the capabilities of data cabling will also have to grow dramatically – if possible, while simultaneously reducing complexity and optimizing costs. With its flexible, smart, adaptable solutions, Rosenberger OSI makes forward-looking, standardized building infrastructures a reality. We provide comprehensive consulting services during the planning phase or offer support in the case of retrofits during ongoing business operations.



## FAST INSTALLATION AT OPTIMIZED COSTS

Against the background of constantly increasing data volumes, it makes sense to invest in a forward-looking cabling concept that guarantees enhanced data transport capabilities right from the start during new construction work or building conversions. Installations cost a lot of time and effort and resources at building sites will become ever more precious in the future. Thanks to prospective network planning, preassembled products and installation by Rosenberger OSI's in-house experts or qualified local partners, it is possible to cut installation time and costs by up to 20 %.

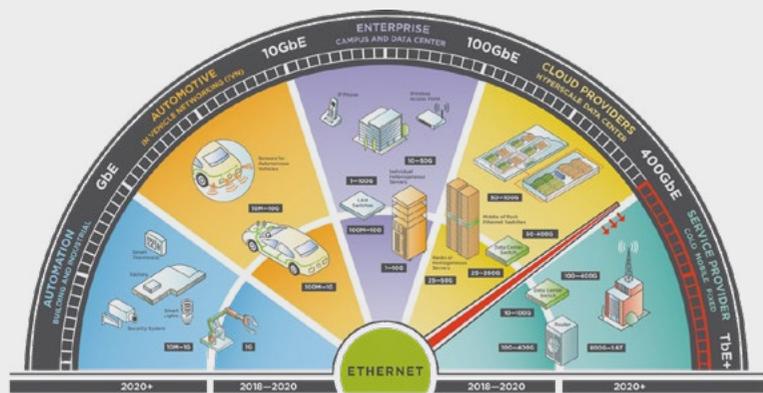


## OUTSTANDING FLEXIBILITY

Large office buildings are subject to frequent changes as different tenants succeed one another. Space is often limited and retrofits are only possible at enormous financial cost. Rosenberger OSI's innovative Ethernet concept ensures the highest possible level of flexibility. Retrofits are performed without interruption or disruption to ongoing business activities. Accelerated project lead times and reduced material consumption result in time and cost savings of up to 50 %.

## PROGRESSIVE TECHNOLOGY CHANGE

Modern business applications are now generating data volumes never seen in the past. And these volumes are only set to increase. In existing IT infrastructures, this often leads to performance impairments. That is why many companies now need to modernize their building cabling. Fiber optic connections are an essential prerequisite for equipping buildings to cope with the high data flows of the present day and the future.



Source: Ethernet Alliance



# Our product lines.

## LAN CABLING SYSTEMS



**PerCONNECT®** combines copper and fiber optic transmission technologies to create an optimized building cabling concept – simple, flexible, cost-efficient. → **more**

### **PerCONNECT® EcoFlex'IT™**

Efficient active and passive network from a single source which focuses on economy and flexibility. → **more**



## Stay in touch.

Do you have any questions about the planning, installation or maintenance of your building infrastructure?

Your contact in Europe:

**Rosenberger**

**Rosenberger-OSI GmbH & Co. OHG**

Optical Solutions & Infrastructure | Endorferstr. 6 | 86167 Augsburg | GERMANY

Phone +49 821 24924-0 | [info-osi@rosenberger.com](mailto:info-osi@rosenberger.com) | [www.rosenberger.com/osi](http://www.rosenberger.com/osi)

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