

An aerial night view of a city skyline, likely New York City, with several prominent skyscrapers illuminated. The sky is a mix of deep blue and orange, suggesting a sunset or sunrise. Overlaid on the city is a semi-transparent grid of binary code (0s and 1s) in a light blue color, creating a digital or data network aesthetic.

LEONI to the Home[®]

The data network of the future

The Quality Connection

LEONI

Experience is what counts

Telecommunication Networks business unit



LEONI's Telecommunication Networks business unit is an internationally recognised systems supplier offering customer-oriented solutions for the passive infrastructure of fiber optic telecommunication networks. The site for this business unit was founded in 1996 in Gmünd, Austria by experts with high experience in the field of fiber optic technology, and has since then been continually expanding. This unit has been a part of the LEONI Group since 2006.

A team of experts that are devoted to one subject above all: FTTH – Fiber To The Home.

Our daily focus includes the conception and planning of project specific system solutions. This results in state of the art, future proof, easy to handle and time saving products best fitted for the project.

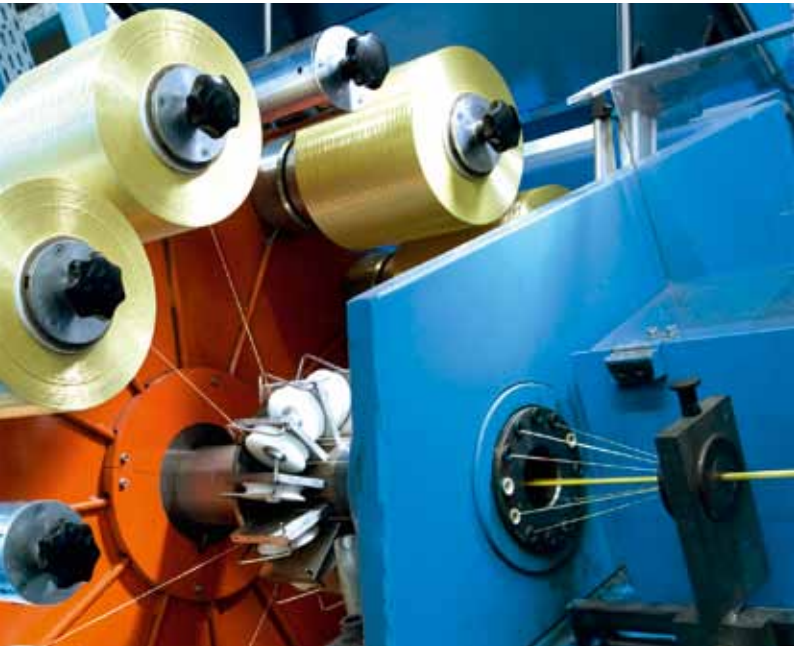
Without exception, our customers benefit from our comprehensive experience of numerous projects which were rolled out successfully and executed both in the domestic and international markets.

In particular, our partners are the national incumbents and competitive telecom companies as well as energy, cable and urban network operators.



Large size projects require a strong partner

The LEONI Group



LEONI is a leading supplier of cable systems and related services for the automotive industry and various other industrial sectors.

Our group of companies employs about 48,000 people in 36 countries. Corporate vision, highest quality and innovative power have made us one of the leading cable manufacturers in Europe.

LEONI develops and produces technically sophisticated products ranging from wire and optical fibers to cables through to complete cable systems and also offers the related services. Moreover, the product portfolio comprises strands, standardised cables, hybrid cables, glass fiber as well as special cables, cable harnesses, wiring systems components and fully assembled systems for applications in various industrial markets.



As diverse as our product and service range are the markets and sectors LEONI is supplying. We focus our activities on customers in the markets:

- Automotive
- Industry & Healthcare
- Communication & Infrastructure
- Electrical Appliances
- Conductors & Copper Solutions



Your markets – our strength

LEONI is among the leading European suppliers in the Communication & Infrastructure market to which at LEONI as a cable manufacturer also belong activities in the fields of telecommunication networks, infrastructure & data communications, industrial plant projects, solar- and wind power, power utilities, irradiation cross-linking and traffic engineering. The customers of our Telecommunication Networks business unit benefit worldwide from our quality products that are as innovative as they are reliable and durable.

LEONI – we make the best connection for your future.



There's no topping the speed of light

Perfect Fiber Optic Network



The requirements on telecommunication networks are increasing from year to year; the volume of data to be transmitted is becoming ever larger.

A wide variety of different services, known as multi-play, is nowadays handled by one and the same medium: internet, intranet, television, IP telephony, e-health, e-commerce, e-education, e-government, etc.

The only medium that will in the future be up to this flood of data is the fiber optic network. We know how to handle this technology in a high-quality, cost-optimised as well as project-oriented way.

For realizing your network LEONI offers the whole product range – ODF's, cables, tubes, closures, boxes and so on.

Access Node
(or POP)

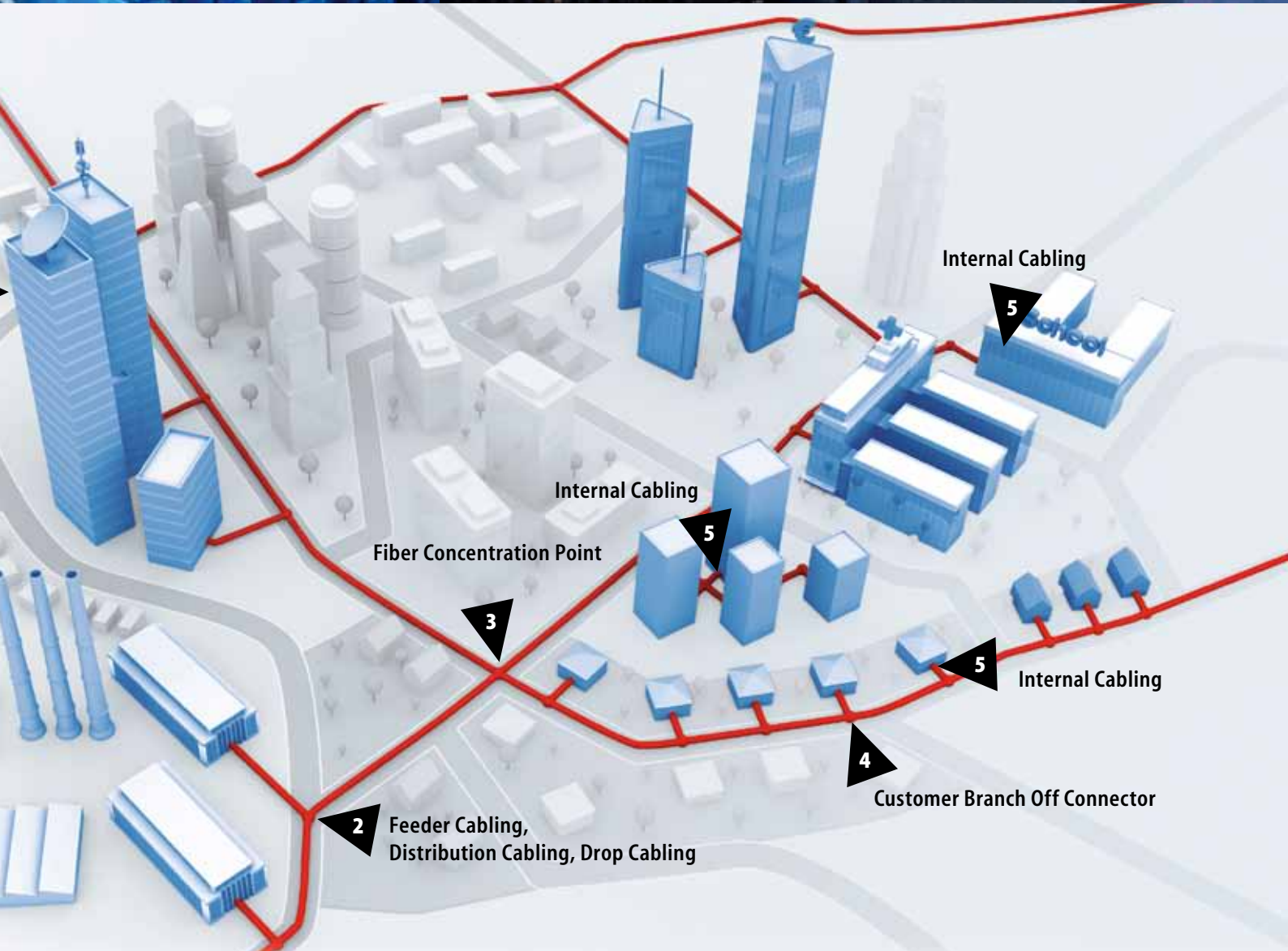
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Rack System 3

LEONI to the Home[®]



2 Modular Cable → Fiber Optic Cable

3 Street Cabinet → Handhole → Closures Splice Management

4 Branch off

5 Termination Boxes → Inhouse Cabling → Termination Boxes

Installation and service team

One stop shopping

Better proposal from a single source

The fiber optic network of a project involving a wide range of different clusters is an exceptionally complex structure. To ensure that everything works perfectly, the individual components must not only be optimally geared to one another and specifically to the project, but must also be installed professionally at the right time and in the right place.



It's best to trust the design, planning, parts procurement, implementation and maintenance to a single provider. That saves not only time and trouble, but also costs.

Our customer benefits from a unique one stop shopping support, which begins with the initiation and definition phase of the projects. A project management team provides the customer with feasibility studies and concepts studies on the architecture business model and implementation level. These planning results provide the customer with the required bill of materials and bill of labor which is the base for the RFI – RFQ (Request For Information and Request For Quotation).

The design and realization phases, being the next steps within the project, are supported by the installation team and its management.

They provide the customer with services such as blowing and preparation of the tubes, fiber cables and fiber units, splicing of the fibers, installation of the required ODF (Optical Distribution Frame), customer connection boxes, active equipment and measurement of the network parts built under the customers specific requirements.

This "One stop shopping solution" offers the customer the best solution in which the project is realized in an efficient way enabling JIT and JIP (Just-In-Time and Just-In-Place) deliveries plus a well managed risk factor during the entire realization.



So that you have control of your network

Documentation · Maintenance · Training



By no means does our job end when a fiber optic network is commissioned. Our customers of course receive thorough documentation consisting of the detailed fiber optic network plan and the related performance data. This enables perfect maintenance and optimum usage of the fiber optic network.

We of course also offer maintenance (trouble-shooting, after-sales service) of the network via the helpdesk, whereby our team provides the customer with effective support in line with their service level agreement (SLA).

In many countries it is necessary to train local technicians to the highest level to set up fiber optic networks with our know-how. We thus train and certify our customers' own installation teams and their project managers. All these services result in effective and high-quality realisation and maintenance of your fiber optic network project.



With this unique all-in service we ensure that everything works smoothly and that you can not only realise your fiber optic network, but also either meet your budget or even undercut it.

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Telecommunication Networks
business unit

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