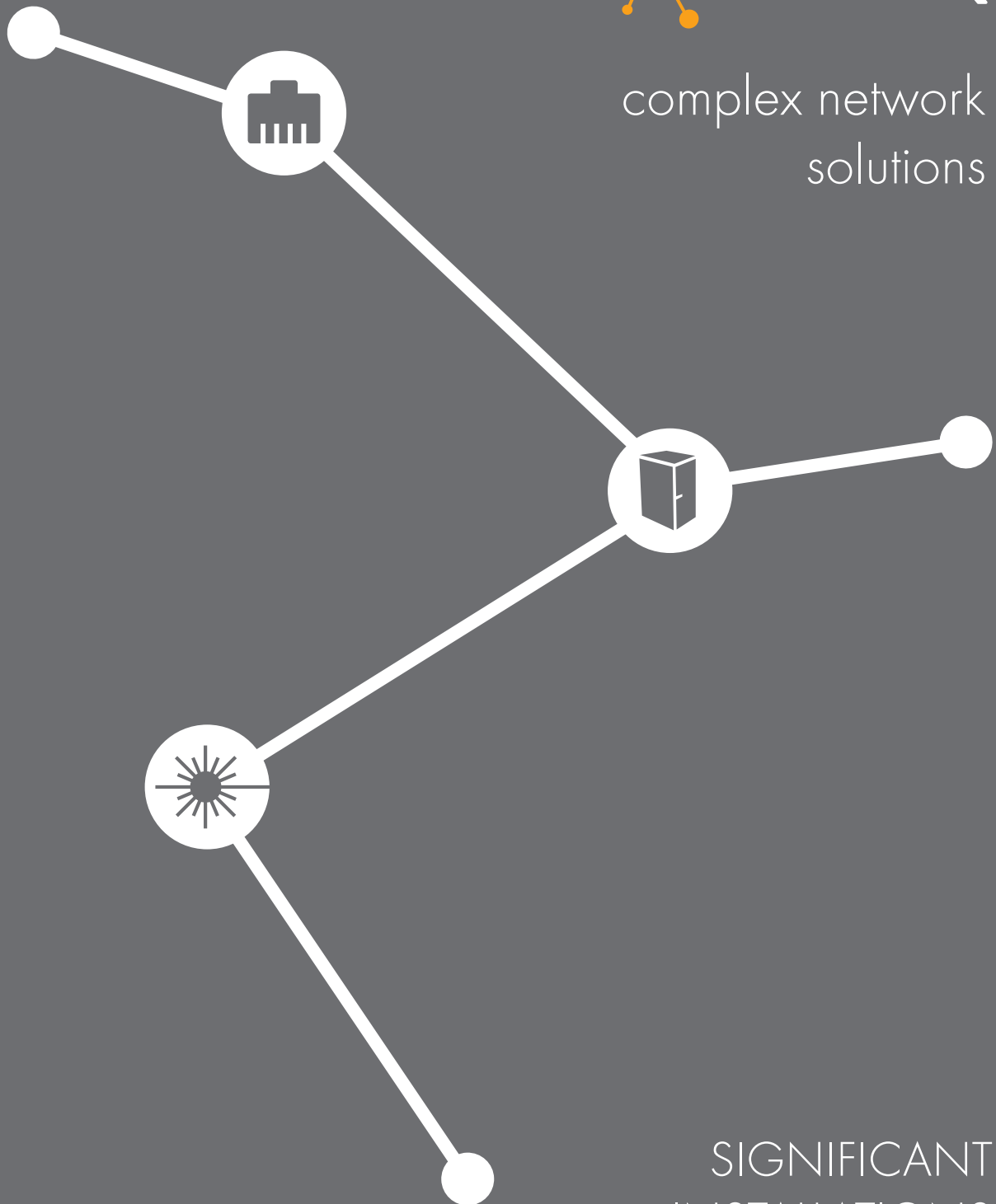




complex network
solutions



SIGNIFICANT
INSTALLATIONS

Mölnlycke Health Care



SOURCE: https://www.idnes.cz/ostirava/zpravy/havirava-v-havirove-zamestna-a-z-300-lidi-prevazne-zeny-A170518_2326739_ostirava-zpravy_sme



1,400



60 km

Installed cabling

Cable type:	Solarix – category 6A
Installation size:	60 km, 1,400 ports
Installation cable:	SXKD-6A-STP-LSOH
Components:	Toolless keystones SXKJ-10G-STP-BK-SA
Protocol support:	10GBASE-T and lower
PoE support:	802.3bt and lower
Product certification:	Component Level, EC Verified
Fire resistance:	LSOH sheath, reaction-to-fire class Dca
Environment:	Products comply with REACH and RoHS directives

Mölnlycke Health Care ProcedurePak is a Swedish company that is a leader in the production of medical devices for the treatment, healing, and protection of wounds. The new production facility in Havířov, in the Dolní Suchá industrial area, is the company's second such building in the Czech Republic. It also includes the most modern sterilization line in Europe.

Key information about the project

Customer:	Mölnlycke Health Care ProcedurePak
Building type:	Production hall with office facilities
Area:	24,000 m ²
Total investment value:	1.8 billion CZK
Location:	Havířov – Dolní Suchá
Number of employees:	More than 300
Interesting fact:	The largest sterilization line in Europe
Start of operation:	2017



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Reconstruction of McDonald's restaurant network in Poland



SOURCE: <https://kita.com/food/new-version-of-mcdonalds-snackwraps-could-be-coming-to-restaurants/>



35,000



800 km

Installed cabling

Cable type:	Solarix – categories 6 and 6A
Installation size:	800 km, 35,000 ports
Installation cable:	SXKD-6-FTP-PVC and SXKD-6A-STP-LSOH
Components:	Toolless keystones SXKJ-6-STP-BK-SA and SXKJ-10G-STP-BK-SA
Protocol support:	10GBASE-T (category 6A), 2.5 and 5GBASE-T (category 6) and lower
PoE support:	802.3bt (kategorie 6A), 802.3at (category 6) and lower
Product certification:	Component Level, EC Verified (category 6A)
Fire resistance:	PVC and LSOH sheath, reaction-to-fire class Eca and Dca
Environment:	Products comply with REACH and RoHS directives

McDonald's is an American company that operates one of the largest fast food restaurant chains in the world. It is present in a total of 119 countries and has more than 40,000 restaurants in its network. The reconstruction of branches in Poland aims to ensure the most pleasant visit for customers and fast processing of their orders from electronic touch panels.

Key information about the project

Customer:	McDonald's Polska Sp. z o. o.
Building type:	Fast food restaurant network
Location:	Various cities in Poland
Number of employees:	More than 5,000
Interesting fact:	The largest installation by Solarix
Start of operation:	2021 – 2022



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Zalando logistics and distribution Centers



SOURCE: corporate.zalando.com/en/
zalando-siworzy-centrum-logistyczne-w-polsce



10,000



300 km

Installed cabling

Cable type:	Solarix – categories 6A and 7
Installation size:	300 km, 10,000 ports
Installation cable:	SXKD-7-SSTP-LSOH
Components:	Toolless keystones SXKJ-10G-STP-BK-SA
Protocol support:	10GBASE-T and lower
PoE support:	802.3bt and lower
Product certification:	Component Level, EC Verified
Fire resistance:	LSOH sheath, reaction-to-fire class Cca
Environment:	Products comply with REACH and RoHS directives

Zalando SE is a German company headquartered in Berlin, operating a retail online platform offering fashion products (clothing, footwear) and lifestyle products. It operates in 17 countries. All new logistics and distribution facilities and the technologies they are equipped with help Zalando quickly respond to orders and deliver the required goods to customers as quickly as possible.

Key information about the project

Customer:	Zalando SE
Building type:	Logistics and distribution centers
Area:	More than 350,000 m ²
Total investment value:	180 milion EUR
Location:	Głuchów, Ameryka near Olsztynek, Szczecin and Bydgoszcz, Poland
Number of employees:	More than 6,000
Interesting fact:	Storage and distribution for more than 7 million items
Start of operation:	2018-2023



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Garmin manufacturing and distribution Center



SOURCE: <https://ohmcraft.pl/garmin-wroclaw-sp-z-o-o-1281887563805714443/>



3,000



150 km

Installed cabling

Cable type:	Solarix – category 6A
Installation size:	150 km, 3,000 ports
Installation cable:	SXKD-6A-STP-LSOH-B2ca
Components::	Toolless keystones SXKJ-10G-STP-BK-SA
Protocol support:	10GBASE-T and lower
PoE support:	802.3bt and lower
Product certification:	Component Level, EC Verified
Fire resistance:	LSOH sheath, reaction-to-fire class B2ca
Environment:	Products comply with REACH and RoHS directives

Garmin is an American company that manufactures GPS navigation systems for the automotive, aviation, and maritime industries, as well as wearable electronics for the outdoor and fitness sectors. The new manufacturing facility will help Garmin meet the ever-increasing demand for their products, especially in the automotive segment.

Key information about the project

Customer:	Garmin International Ltd
Building type:	Manufacturing and distribution facility
Area:	30,000 m ²
Location:	Wroclaw, SEGRO Logistics Center, Poland
Number of employees:	More than 500
Interesting fact:	Production of products for the automotive segment
Start of operation:	2021 – 2022



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SIMU – Simulation Center of Masaryk University



3,600



189 km

Installed cabling

Cable type:	Solarix – categories 6A and 7
Installation size:	189 km, 3,600 ports
Installation cable:	SXKD-7-SSTP-LSOH
Components:	Toolless keystones SXKJ-10G-STP-BK-SA
Protocol support:	10GBASE-T and lower
PoE support:	802.3bt and lower
Product certification:	Component Level, EC Verified
Fire resistance:	LSOH sheath, reaction-to-fire class Cca
Environment:	Products comply with REACH and RoHS directives

SIMU is a modern simulation center of Masaryk University, equipped like a regular hospital, including operating rooms, intensive care units, laboratories, and a helipad. The project's goal is to provide medical students with as many opportunities as possible to practice the most important medical and healthcare procedures in a simulated environment.

Key information about the project

Customer:	Masaryk University Brno
Building type:	Educational facility
Area:	8,000 m ²
Total investment value:	Almost 1 billion CZK
Location:	Masaryk University Campus, Brno Bohunice
Interesting fact:	The most modern medical training facility in Central Europe, one of 12 simulation centers worldwide with SESAM accreditation
Start of operation:	2022



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BIOCEV scientific and research Center



3,000



200 km

Installed cabling

Cable type:	Solarix – category 6A
Installation size:	200 km, 3,000 ports
Installation cable:	SXKD-6A-STP-LSOH
Components:	Keystones SXKJ-10G-STP-BK
Protocol support:	10GBASE-T and lower
PoE support:	802.3bt and lower
Product certification:	Component Level, EC Verified
Fire resistance:	LSOH sheath, reaction-to-fire class Dca
Environment:	Products comply with REACH and RoHS directives

The Biotechnology and Biomedical Center of the Academy of Sciences and Charles University (BIOCEV) is a unique research and scientific facility that collaborates with prestigious foreign research institutes and is involved in research in fields such as functional genomics, cell biology and virology, structural biology and protein engineering, biomaterials, and tissue engineering. The project's goal is to enable collaboration between various scientific teams in one place and create a top scientific facility with international outreach.

Key information about the project

Customer:	Academy of Sciences of the Czech Republic and Charles University
Building type:	Scientific and research center
Area:	25,000 m ²
Total investment value:	2.3 billion CZK
Location:	Vestec near Prague
Interesting fact:	519 scientific and technical workers in 56 research teams work here
Start of operation:	2016



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VŠB - Faculty of Economics

SOURCE: conterra.cz/projects/ostirav-d-1



3,100



190 km

Installed cabling

Cable type:	Solarix – category 6A
Installation size:	190 km, 3,100 ports
Installation cable:	SXKD-6A-STP-LSOH-B2ca
Components:	Toolless Keystones SXKJ-10G-STP-BK-SA
Protocol support:	10GBASE-T (CAT6A) and lower
PoE support:	802.3bt and lower
Product certification:	Component Level, EC Verified
Fire resistance:	LSOH sheath, reaction-to-fire class B2ca
Environment:	Products comply with REACH and RoHS directives

The Faculty of Economics is part of the VŠB - Technical University in Ostrava, where it prepares students for careers as economists, managers, financial and tax specialists, marketing experts, IT specialists, or entrepreneurs across 12 departments. In addition to the full-time educational program, it also offers programs for the University of the Third Age and MBA programs. The new faculty building aims to integrate all existing facilities scattered throughout the city of Ostrava back into the VŠB campus.

Key information about the project

Customer:	VŠB – Technical University of Ostrava
Building type:	Educational facility
Area:	9,000 m ²
Total investment value:	0.83 billion CZK
Location:	Ostrava Poruba
Interesting fact:	The building is constructed as sustainable (i.e. with energy efficiency requirements) and has nearly zero energy consumption, with a photovoltaic system installed on the roof with a capacity of 158 kWp
Start of operation:	2024



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Alza.cz Logistics centers and branch network



SOURCE: alza.cz/alzac-investuje-
miliardu-korun-do-robotizace



11,000



600 km

Installed cabling

Cable type:	Solarix – category 5E
Installation size:	600 km, 11,000 ports
Installation cable:	SXKD-5E-FTP-LSOH, SXKD-5E-FTP-LSOHFR-B2ca
Components:	Quick-tool keystones SXKJ-5E-STP-BK-NA
Protocol support:	2.5/5GBASE-T and lower
PoE support:	802.3at and lower
Product certification:	Component Level, EC Verified
Fire resistance:	LSOH sheath, reaction-to-fire class Dca and B2ca
Environment:	Products comply with REACH and RoHS directives

Alza.cz a.s. is the largest Czech online retailer, operating in the Czech Republic, Slovakia, Hungary, and other EU countries. It offers products in consumer electronics, IT, toys, sports equipment, and other commodities. It operates a network of brick-and-mortar stores and self-service pick-up boxes. Due to interest and the introduction of new technologies, it is a significant innovator in the field of online sales. The numerous branches in different countries and newly built logistics centers help Alza.cz a.s. respond to the increasing demand for various types of goods and enable fast delivery to customers.

Key information about the project

Customer:	Alza.cz a.s.
Building type:	Logistics centers, office spaces, and branch network
Area:	Total area over 150,000 m ²
Location:	Prague, Chrášfany near Prague, Zdiby, Úžice, Senec, and Budapest, branches in various locations
Number of employees:	Over 2,000
Interesting fact:	The robotized logistics center in Chrášfany was the largest one-time investment of Alza.cz a.s., with over 400 autonomous robots handling the goods in this modern logistics center
Start of operation:	2016–2023



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SPORTISIMO logistics center

SOURCE: contera.cz/projects/ostava-d1



2,400



155 km

Installed cabling

Cable type:	Solarix – categories 6 and 6A
Installation size:	120 km (CAT6A) and 35 km (CAT6), 2,400 ports
Installation cable:	SXKD-6A-STP-LSOH and SXKD-6-UTP-LSOH
Components:	Quick-tool keystones SXKJ-10G-STP-BK-NA and SXKJ-6-UTP-BK-NA
Protocol support:	10GBASE-T (CAT6A), 2.5/5GBASE-T (CAT6) and lower
PoE support:	802.3bt (CAT6A), 802.3at (CAT6) and lower
Product certification:	Component Level, EC Verified
Fire resistance:	LSOH sheath, reaction-to-fire class Dca
Environment:	Products comply with REACH and RoHS directives

SPORTISIMO is a company with a network of stores and an online shop selling sporting goods, operating in several European countries (e.g., Czech Republic, Slovakia, Hungary, Romania, etc.). It offers products in more than 200 stores. The operation of the new logistics center and the technologies used will help SPORTISIMO store and distribute more than a hundred thousand products, which are often associated with significant seasonal fluctuations in both dispatched and received goods.

Key information about the project

Customer:	SPORTISIMO s.r.o.
Building type:	Logistics headquarters
Area:	38,000 m ²
Location:	Ostrava Hrušov, Contera Park Ostrava D1
Number of employees:	Up to 700
Interesting fact:	Storage spaces with a high degree of automation and robotic stackers
Start of operation:	2022



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Hirschmann Automotive manufacturing facility



SOURCE: hirschmann-automotive.jobs.cz/o-nas



2,400



120 km

Installed cabling

Cable type:	Solarix – category 6A
Installation size:	120 km, 2,400 ports
Installation cable:	SXKD-6A-STP-LSOH
Components:	Toolless keystones SXKJ-10G-STP-BK-SA
Protocol support:	10GBASE-T and lower
PoE support:	802.3bt and lower
Product certification:	Component Level, EC Verified
Fire resistance:	LSOH sheath, reaction-to-fire class Dca
Environment:	Products comply with REACH and RoHS directives

Hirschmann Automotive VS s.r.o. is a subsidiary of Hirschmann Automotive GmbH based in Austria. Their main products are plastic connectors and other products primarily intended for the automotive industry. Hirschmann secured a contract with Mercedes with a production program extending to 2030, making it necessary to expand manufacturing capacities with another, second manufacturing hall.

Key information about the project

Customer:	Hirschmann Automotive VS s.r.o.
Building type:	Manufacturing hall with office facilities
Area:	8,000 m ²
Total investment value:	1 billion CZK
Location:	Vsetín
Number of employees:	400
Interesting fact:	The manufacturing hall is built according to Industry 4.0 standards, the building won the title „Building of the Year of the Zlín Region 2019“
Start of operation:	2019



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