Tech
INNOVATIVE
User
FRIENDLY
Cyber
SECURE

Fibernet
NEXT-LEVEL COMMUNICATIONS

Fibernet develops, manufactures and markets an extensive range of fiber optic multimedia & cyber products for IT infrastructure.

Mission is protecting the agencies highest security level NOC/SOC/C&C with airtight cyber and networking components used by Israel's military and intelligence agencies.

COMPANY BACKGROUND

Founded **three decades ago** in Israel, Fibernet is one of the country's foremost fiberoptic products providers for:

- Government Agencies
- Defense Departments
- Telecommunications companies, financial, healthcare institutions, and other sectors of businesses
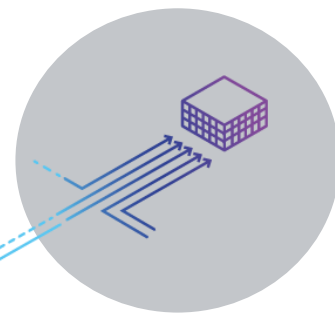
As the company grew, it developed expertise in multimedia management and cybersecurity.

AMONG OUR CLIENTS

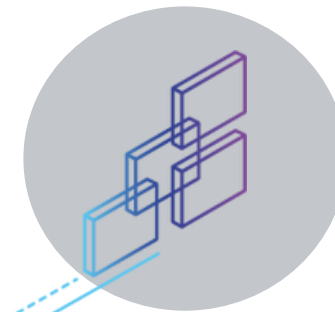Tech **INNOVATIVE**, User **FRIENDLY**, Cyber **SECURE**

HIGH DENSITY FIBER OPTIC SOLUTIONS DATA CENTERS

SECURE CONTROL ROOM SOLUTIONS

SECURED AV OVER IP SOLUTIONS

FTTX END-TO-END SOLUTIONS

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Solutions

Core Competences
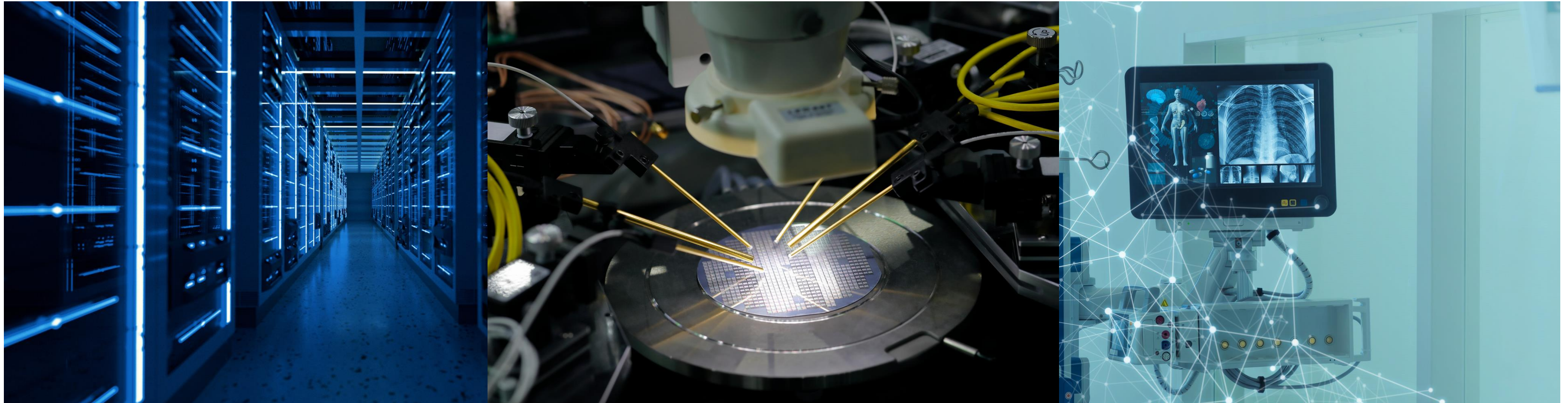
DATA CENTERS & TELECOM

- High-density fiber optic solutions - easy installation, maintenance, and upgradeability in minimum space
- FTTx & FTTh networks and projects
- 5G networks

HIGH-TECH, SEMICONDUCTOR & MEDICAL DEVICES

- Fiber optic for high-tech customers based on customized and special fibers
- From tailored subsystems to full-scale semiconductor assembly of medical equipment

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MILITARY & DEFENSE

- Fiber Optic networks in Defense and harsh environmental (air, ground and underwater)
- Iron Dome, the Arrow (anti-ballistic missile project) - in compliance with military requirements

CYBER-SECURITY & SECURED AVOIP

- Secure end-to-end solutions for command-and-control centers, SOCs, NOCs
- Smart auditorium and conference halls
- AV Over IP solutions

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QUALITY COMPLIENCE

Strives for the highest quality possible. Our products and projects adhere to international standards:
ISO 13485:2016, **ISO 9001:2015** and **AS9100D** the Aviation, Space and Defense industries standard.

INTERNATIONAL STANDARDS COMPLIANCE

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- ISRAELI MANUFACTURER OF FIBER OPTIC SOLUTIONS
- Production and development capabilities for Passive infrastructure solutions of optical networks

R&D

- IN-HOUSE: R&D; Mechanical Engineers; Electronic Engineers & Presale TEAMs
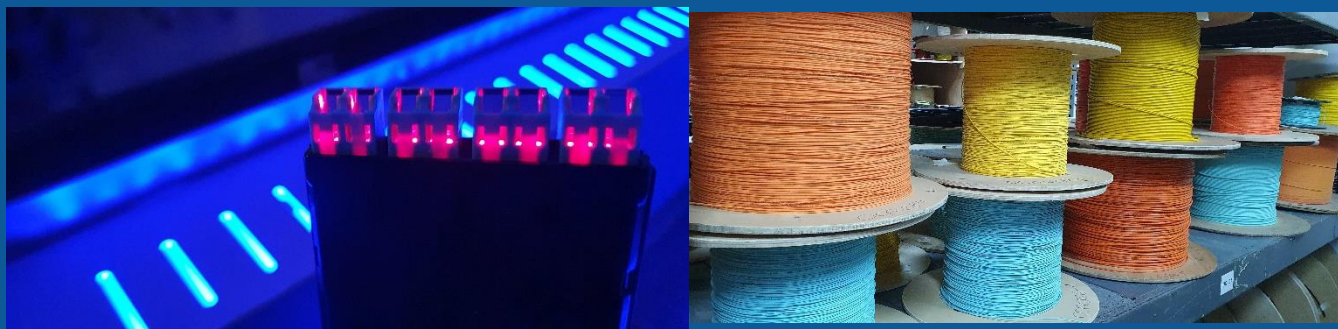- CONTINUAL INNOVATIONS
- CENTER OF KNOWLEDGE

- END-TO-END SOLUTIONS
- From development to production both software& firmware
- System Engineering
- Mechanical Engineering
- Software Engineering

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NEXT LEVEL COMMUNICATIONS

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HIGH DENSITY FIBER OPTIC INFRUSTRUCTURE

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High Density Fiber Optic Solutions

- Compact, space-saving design and high-density solution
- Min downtime
- Easy maintenance and fast upgrading
- Plug and play connectors
- Flexible solution to meet customer requirements & lead time
- Ability to cascade up to 5760 channels for maximum floor saving

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Fibernet NEXT-LEVEL COMMUNICATIONS

Fiber Optic components

- **Optical Switches**
- **Fixed attenuators**

- **In-line attenuators**
- **Fiber optic filters**

- **WDM MUX/DMUX**
- **Isolators**

- **Loopbacks**
- **Simulators**

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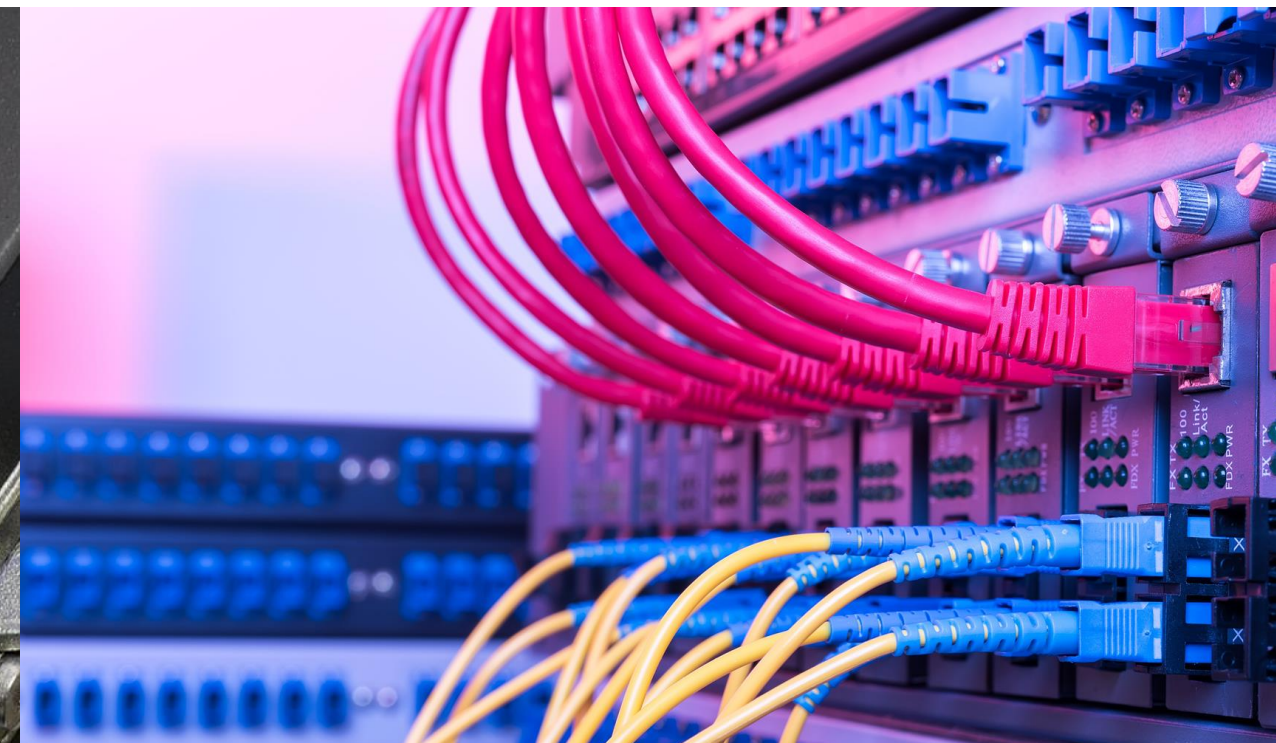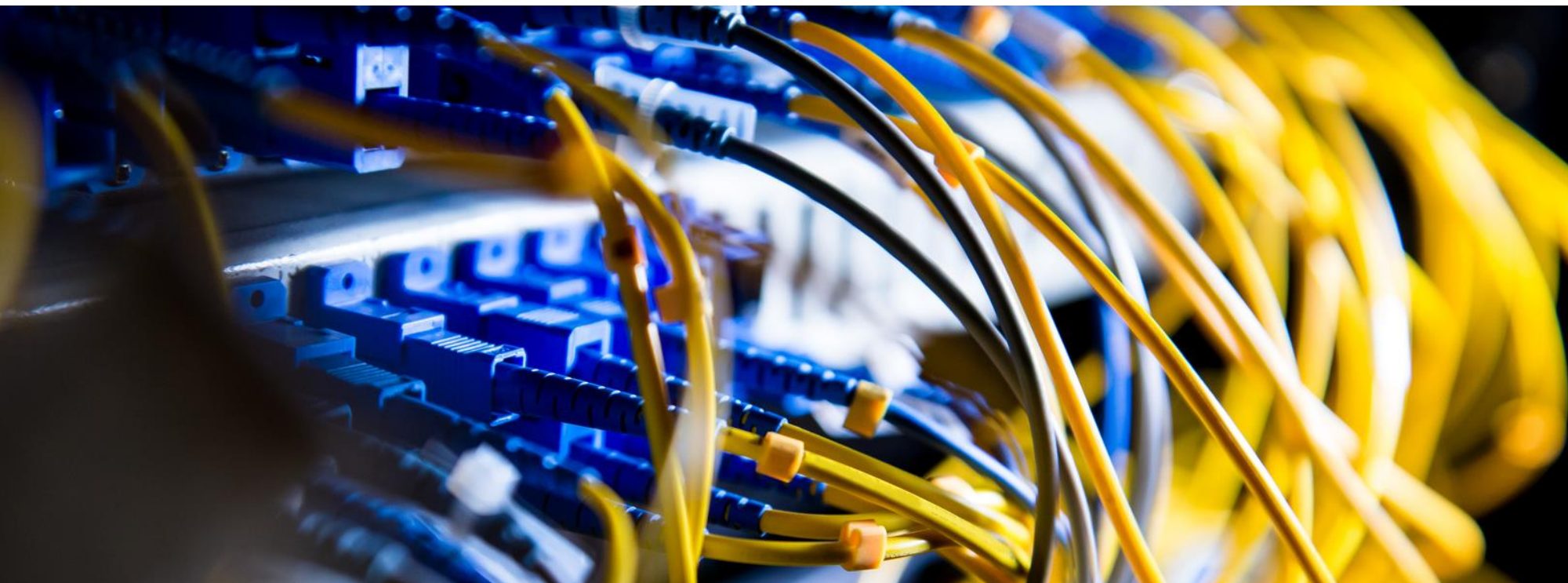
IP Cable Assembly

- Water immersion and Dust protection for hash environment
- Wide range of operational temperature for outside plant -40oC/+70
- Fully Comply with another Industrial LC adaptor
- Durable mechanical mating, minimum of 500 mattings
- Support MPO connectivity 12/24 Fiber per 1 connector

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High Density Infrastructure

STAR

STAR400
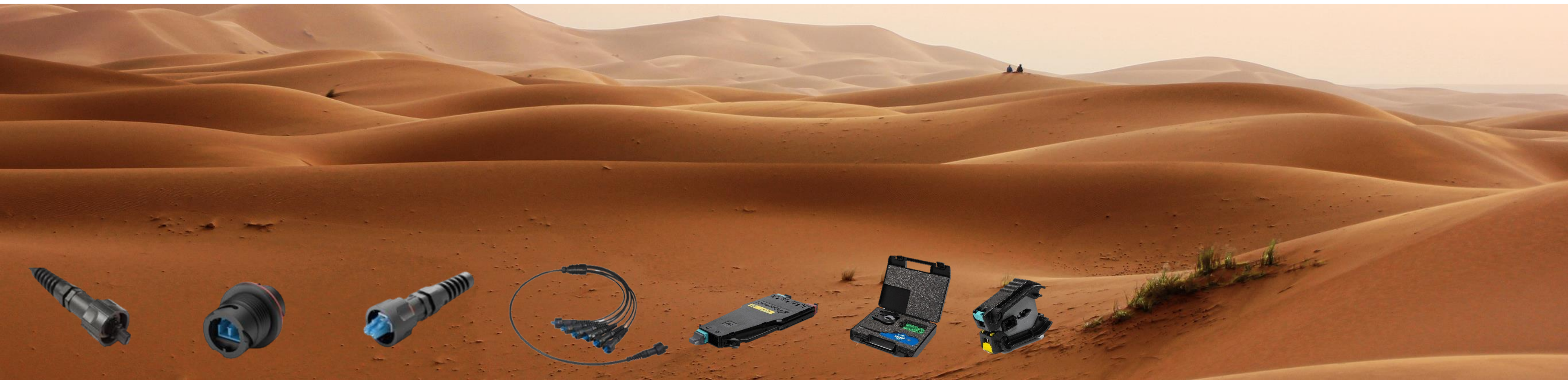
Safe	Reduce required space in Data Center up to 70%
Easy in use	Plug & Play – easy installation, management and maintenance
Reliable	Based 8 or 12 Fibers for 100% infrastructure efficiency Meeting all international standards for data centers
Innovative and upgradable	Modular solution for easy migration up to 400G No vendor locks **25-year warranty**

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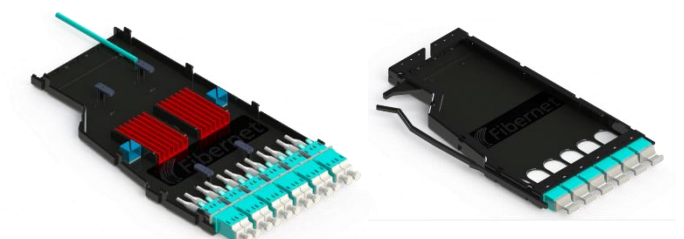
Defense from Cyber threats caused by hardware innovation (HDMI connectivity)

- Firmware protection of infrastructure from data leakage, malware, and network penetration from hacker attacks and human errors
- Physical breaches, information leaks, and theft can all be detected and protected with Fibernet solution

PHYSICAL CYBER-SECURITY PRODUCTS

- **SECURE KVM SOLUTIONS**
- **UNIDIRECTIONAL ISOLATORS**
- **SECURE EXTENDERS**
- **REMOTE MONITORING OF CRITICAL INFRASTRUCTURE**

BLOCKER
Hermetically Secured KVM

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SECURED MOIP

SuperVision

A complete solution for deploying resources, views, managing and controlling through a local network based on hardware and software:
Hardware: KVM and AV devices over LAN
Software: SuperVision software for control and management

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SECURE KVM OVER IP SOLUTION

- End-to-end AV/KVM and over IP solution to easily deploy, configure and manage multiple remote sources and displays
- BLOCKER family of products with high-performance KVMs allows compliance with the highest security standards
- FiberBlocker – KVMs with fiber optic connectivity option for distance applications
- Extenders and Switchers for the new way of HDMI connection

KVM/AV OVER IP SOFTWARE MANAGEMENT SYSTEM

SuperVision - client-server, internet-based multimedia management tool that supports any application and configuration
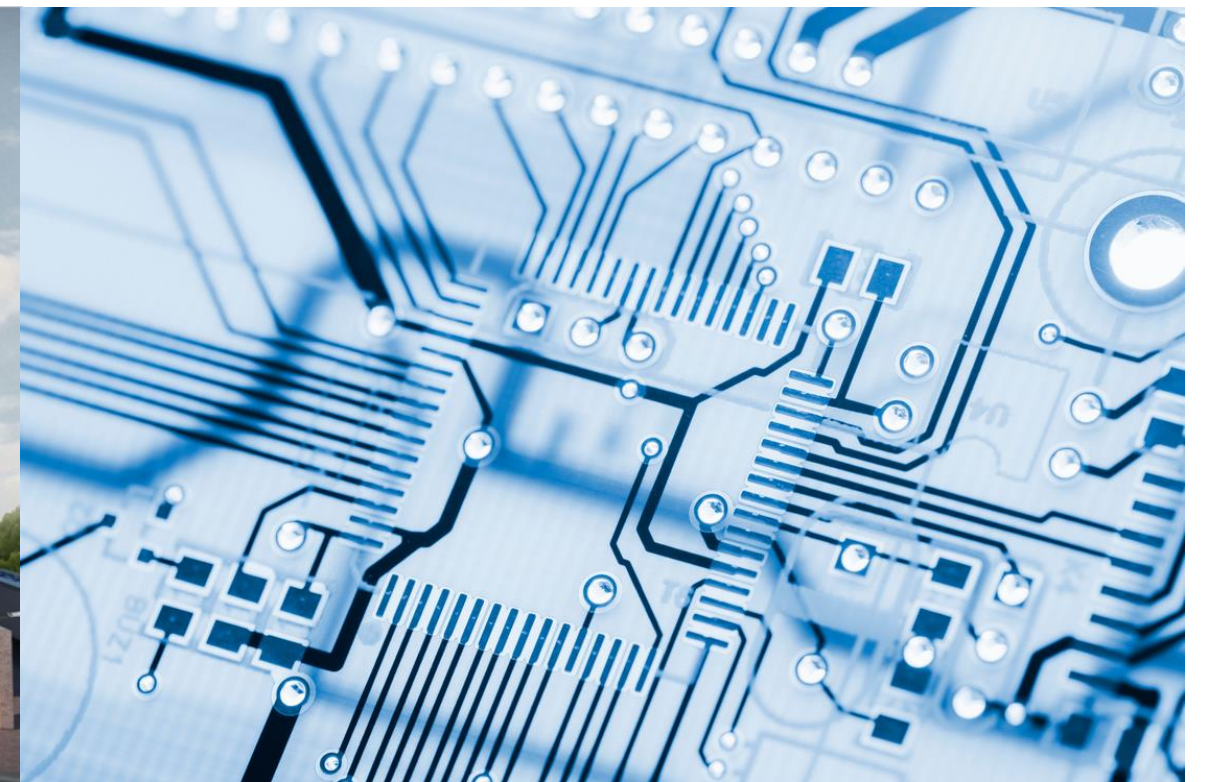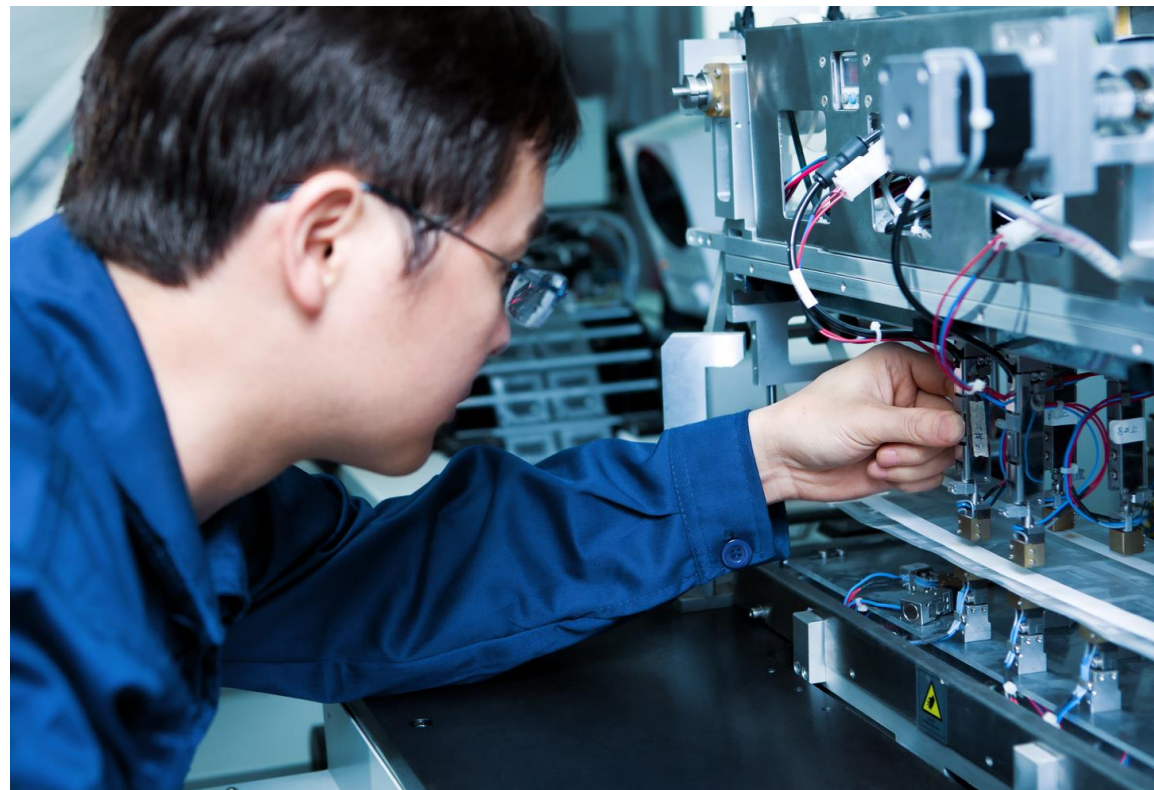
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In-House Developing and Manufacturing

In-house State-of-the-Art Machinery

Quality, Flexibility, Enchainment & ECOs support

Efficiency, Expertise, Training and Service

Cable& Wiring   **X-Ray Inspection**   **SMT**   **Automated Optical Inspection**

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NEXT-LEVEL COMMUNICATIONS

- **30 years of experience**

- **One-stop-manufacturer**

MADE IN ISRAEL · 100% QUALITY

- customized solutions
- patented technology
- sustainable quality

- **Designed for quick and easy installation**

- **Adhering to international standards**

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Great Partnership

Contact us to get more info

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