Company Profile

FURUKAWA ELECTRIC GROUP
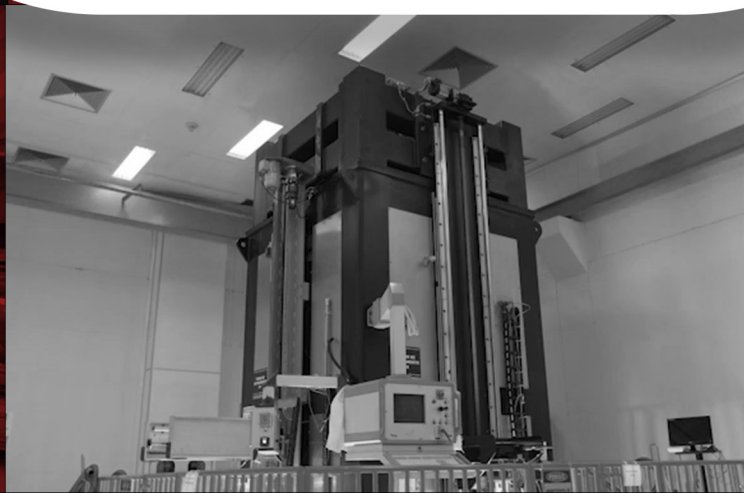
We are Furukawa Electric Group.

Our story began in Japan over 137 years ago. Nowadays, we are a Global network of companies around the world. There are over 100 affiliated companies and modern research and development laboratories. We develop and manufacture solutions for communications infrastructure for bringing people together and connecting the world.

Cultivating new, next-generation business

Integrating group capabilities and promoting open innovation

From energy to telecommunication.

From mobility to experiences.

From dreams to achievements.

From one country to another.

From one person to the next.

Our goal is to create infrastructure solutions for the next global generation.

We are part of people's lives through technological innovation.

After all, we shorten distances and anticipate the needs of society.

JAPANESE COMPANY with core values

50.000 EMPLOYEES around the world

+US$ 7 BILLION in revenues

120 susidiaries in the five continentes

ISO 9001, 140001, 180001

VISION

In order to build a sustainable world and make people's life safe, peaceful and rewarding, Furukwa Electric Gropup will create solutions for the new generation of global infrastructure combining information, energy and mobility.

DNA

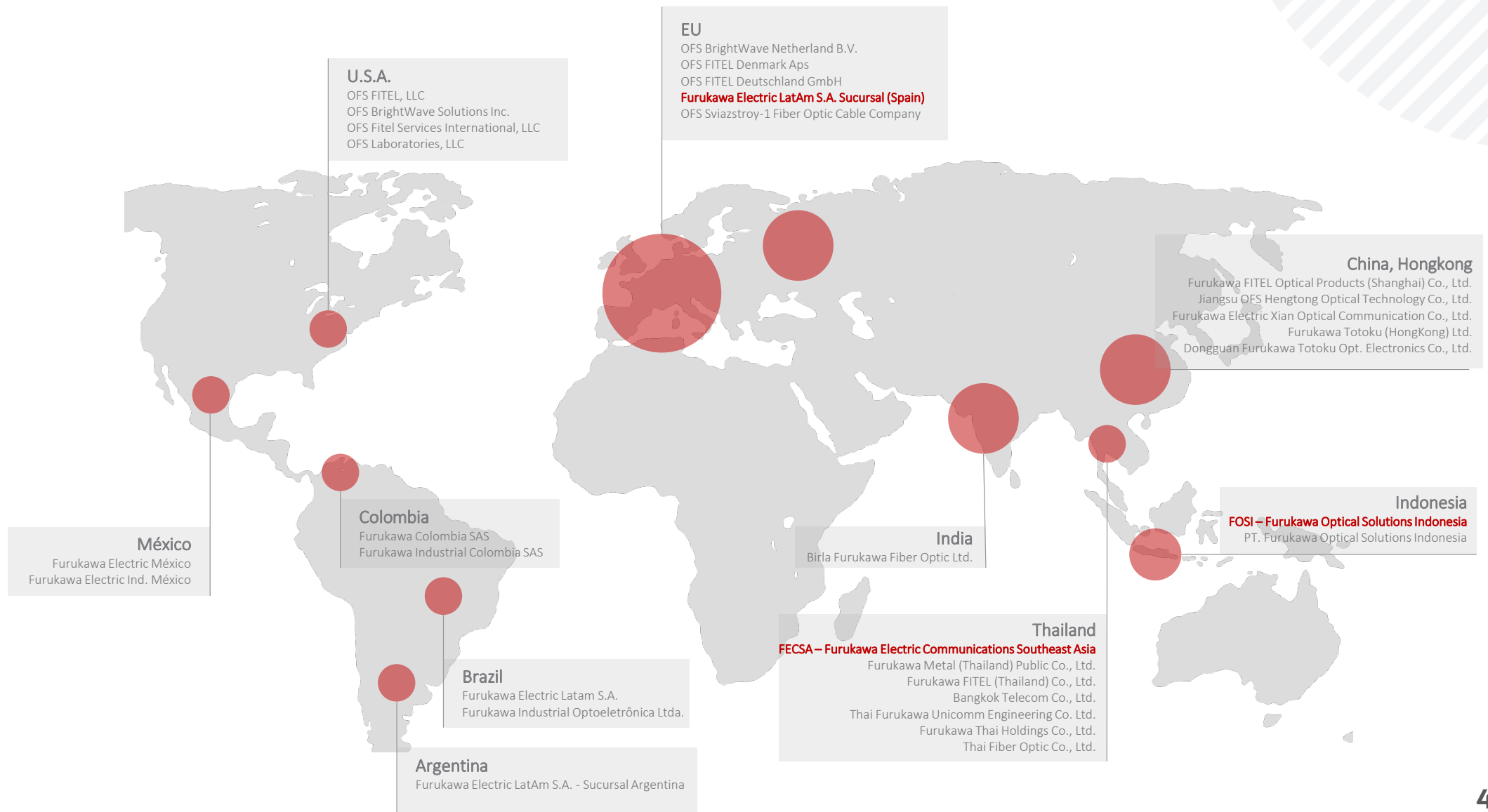Health and Safety, Quality, Compliance and Sustainability.

Core Values

FURUKAWA ELECTRIC GROUP

- Integrity
- Innovation
- Addressing Reality
- Ownership and Speed
- Collaboration

SOLIDITY   KNOWLEDGE   INNOVATION   EXPERIENCE

Furukawa Electric Global Network

U.S.A.
OFS FITEL, LLC
OFS BrightWave Solutions Inc.
OFS Fitel Services International, LLC
OFS Laboratories, LLC

EU
OFS BrightWave Netherland B.V.
OFS FITEL Denmark Aps
OFS FITEL Deutschland GmbH
Furukawa Electric LatAm S.A. Sucursal (Spain)
OFS Sviazstroy-1 Fiber Optic Cable Company

China, Hongkong
Furukawa FITEL Optical Products (Shanghai) Co., Ltd.
Jiangsu OFS Hengtong Optical Technology Co., Ltd.
Furukawa Electric Xian Optical Communication Co., Ltd.
Furukawa Totoku (HongKong) Ltd.
Dongguan Furukawa Totoku Opt. Electronics Co., Ltd.

México
Furukawa Electric México
Furukawa Electric Ind. México

Colombia
Furukawa Colombia SAS
Furukawa Industrial Colombia SAS

India
Birla Furukawa Fiber Optic Ltd.

Indonesia
FOSI – Furukawa Optical Solutions Indonesia
PT. Furukawa Optical Solutions Indonesia

Brazil
Furukawa Electric Latam S.A.
Furukawa Industrial Optoeletrônica Ltda.

Thailand
FECSA – Furukawa Electric Communications Southeast Asia
Furukawa Metal (Thailand) Public Co., Ltd.
Furukawa FITEL (Thailand) Co., Ltd.
Bangkok Telecom Co., Ltd.
Thai Furukawa Unicomm Engineering Co. Ltd.
Furukawa Thai Holdings Co., Ltd.
Thai Fiber Optic Co., Ltd.

Argentina
Furukawa Electric LatAm S.A. - Sucursal Argentina

RESPONSIBILITY

We have social sustainable initiatives and commitments that allow technological innovation to really make a difference for society and the environment.

Well-established and transparent environmental, social and governance practices are part of our culture that impact everything from the employee to the environment.

Mottainai philosophy

Mottainai is a Japanese word that conveys a deep sense of gratitude for all that nature offers. It is a philosophy of life that reflects and integrates concepts such as: Reduce, Reuse, Recycle, Repair and Rethink. In other words, live in total harmony with the environment. That is why, since 2007, we have always adopted the Mottainai philosophy of emphasizing respect for the environment, showing people from simple day to day actions to more complex ones applicable to the business environment.

Green Solutions

It is not enough to offer the best technological solutions in optical fiber, copper cabling and IT and telecommunications infrastructure. The technology must be sustainable and future-proof. That's why we develop our green solutions: innovation, performance and sustainability all together. This way you can responsibly choose the technology solution that will meet your company's demand today and tomorrow.

RoHS directive

The European RoHS directive restricts the use of certain substances considered hazardous to the environment and to humans. Care for the environment is present in the process of developing new products, seeking to use as many recyclable materials as possible and with the least possible impact on the environment.

Electronics reverse logistics

Discarding and correct disposal of obsolete active equipment or electronics.

ISO & OHSAS

ISO 14001 Certification
and Environmental
Ecolabel Certification.

ISO 45001 Certification
Occupational Health and Safety
Management awarded by DQS-UL.

ISO 9001 Certification
Quality Management Systems.

Pioneerism and market leadership

FUTURE IS HERE AND NOW. It requires ever increasing efficiency, performance, automation and flexibility with an even more compact infrastructure. Simultaneously, it demands higher awareness of resources usage and respect for the environment. Sustainable innovation is our business.
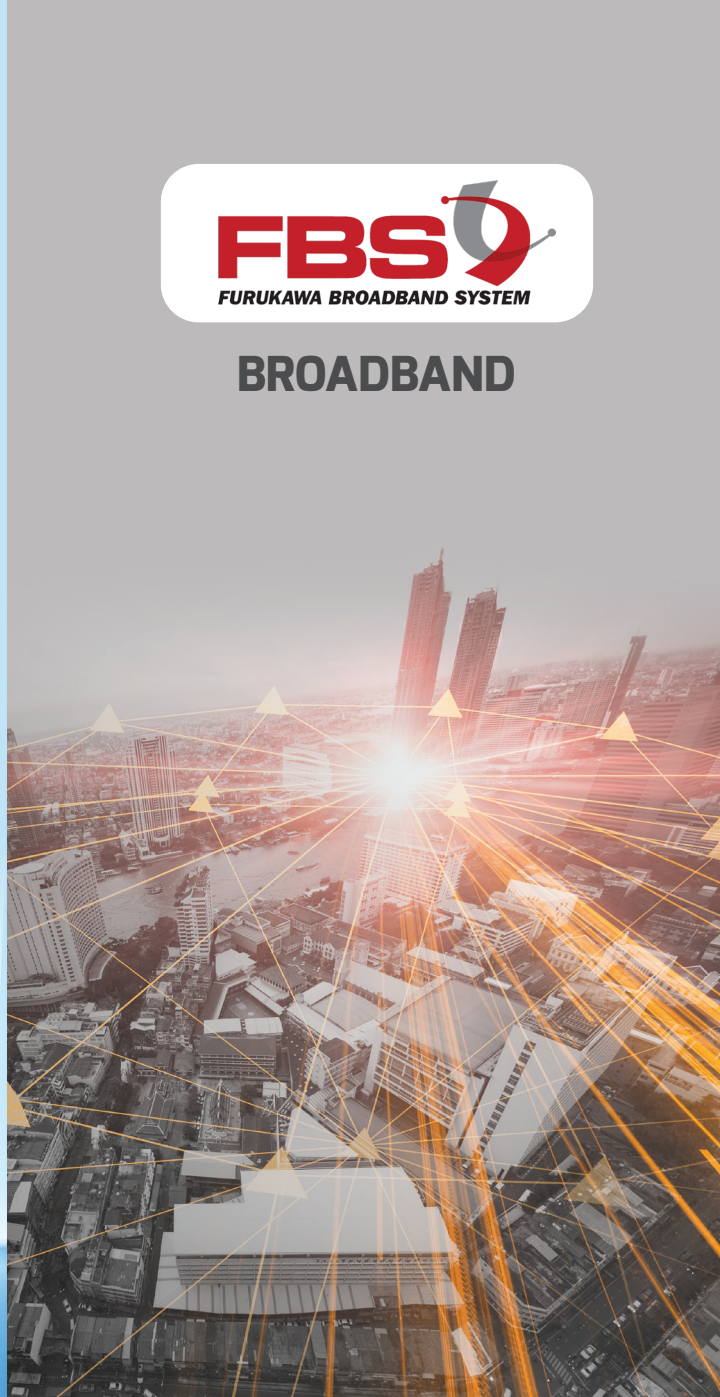
Welcome to Furukawa's solution portfolio.

The leading edge in connectivity at your reach.

Customers' expectations have evolved.

Data traffic standards have changed.

Broadbands have broadened.

Data security threats have multiplied.

Therefore you need a high-end, stronger and more robust network.

Research & Development

Future-proof technology

Optical Fiber Manufacturer

Industrial Units

FURUKAWA ELECTRIC

Guarantee and Certification

Indoor and Outdoor Networks

Global Presence

Sustainability

FCS — FURUKAWA CONNECTIVITY SYSTEM

CONNECTIVITY

FBS — FURUKAWA BROADBAND SYSTEM

BROADBAND

FI²S — FURUKAWA IoT for INDUSTRY SYSTEM

IOT FOR INDUSTRY

Complete portfolio of Communication Infrastructure Solutions for internal and external networks, developed with sustainable innovations.

PRODUCTS, SOLUTIONS AND SERVICES

FBS
FURUKAWA BROADBAND SYSTEM

Communication networks that anticipate technologies applied to the most modern solutions for communication infrastructure, meeting market trends with a diversified portfolio.

Information management to improve the efficiency of cities, through optical networks. The broadband solutions portfolio presents complete solutions from the central office to the subscriber's home, providing cables, accessories and GPON equipment. Furukawa Electric's solutions are designed to deliver high reliability, thereby reducing operating costs and increasing profit margins.

- "Future-proof" networks;
- Supports Triple Play (Data, Voice and Video);
- There is no need for equipment in the entire external extension of the network;
- Easy installation and low maintenance cost.

FTTH

In 100% fiber optic FTTH (Fiber To The Home) networks, the optical network reaches the user's home, thus ensuring the necessary bandwidth for the growing demand generated by the huge data and video traffic via the internet.

EZ!**Access**   EZ!**Grow**   EZ!**Star**

MDU

Normally, when we talk about FTTx, we assume that we are going to install fiber up to a "house". But, it is possible that the end user lives in multi-dwelling units or in apartment buildings, where the challenges can be very different and require different architectures and installation practices. One hundred percent fiber optic networks FTTA corresponds to products and infrastructures suitable for optical broadband service for this type of access point.

MDU!**Click**   MDU!**Core**   MDU!**Riser**

CENTRAL DE EQUIPAMENTOS

FCS | FURUKAWA CONNECTIVITY SYSTEM

Presents complete solutions from the equipment room to the work area, providing indoor and outdoor cables and accessories, including GPON equipment.

Complete structured cabling products and solutions to service connectivity projects in fast, innovative and sustainable corporate networks.

- Flexibility for layout changes
- Possibility of adding new systems on demand
- Cabling standardization and performance guarantee
- Intercommunication between different systems
- Remote management
- Sustainable projects
- 25-year warranty

ENTERPRISE
Systems integrated in a single cabling

According to standard TIA 568.1-D – Commercial Building Telecom Infrastructure Standard - "Structured indoor network is that which is designed to provide an infrastructure that allows the evolution and flexibility for telecommunication services, be it voice, data, image, sound, lighting control, smoke sensors, access control, security systems, environmental controls (air conditioning and ventilation) among others". The structured cabling system is responsible for being the basis of the local network infrastructure, routing data packets sent by active equipment, connected to this system throughout the structured enterprise.

KNOW MORE

LASERWAY
Furukawa GPON Laserway Solution

100% optical network, high availability, savings and flexibility

The Laserway solution is based on the GPON technology that provides converged IP connectivity to different structured cabling environments. Combines a modern totally passive optical network with highly compatible equipment, prioritizing an easy installation, modularity and infrastructure reduction. To adapt to the most varied network scenarios in new and already existing environments, the solution can be installed in the options of field termination or pre-terminated optical cables.
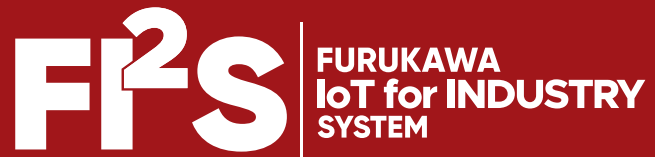
KNOW MORE

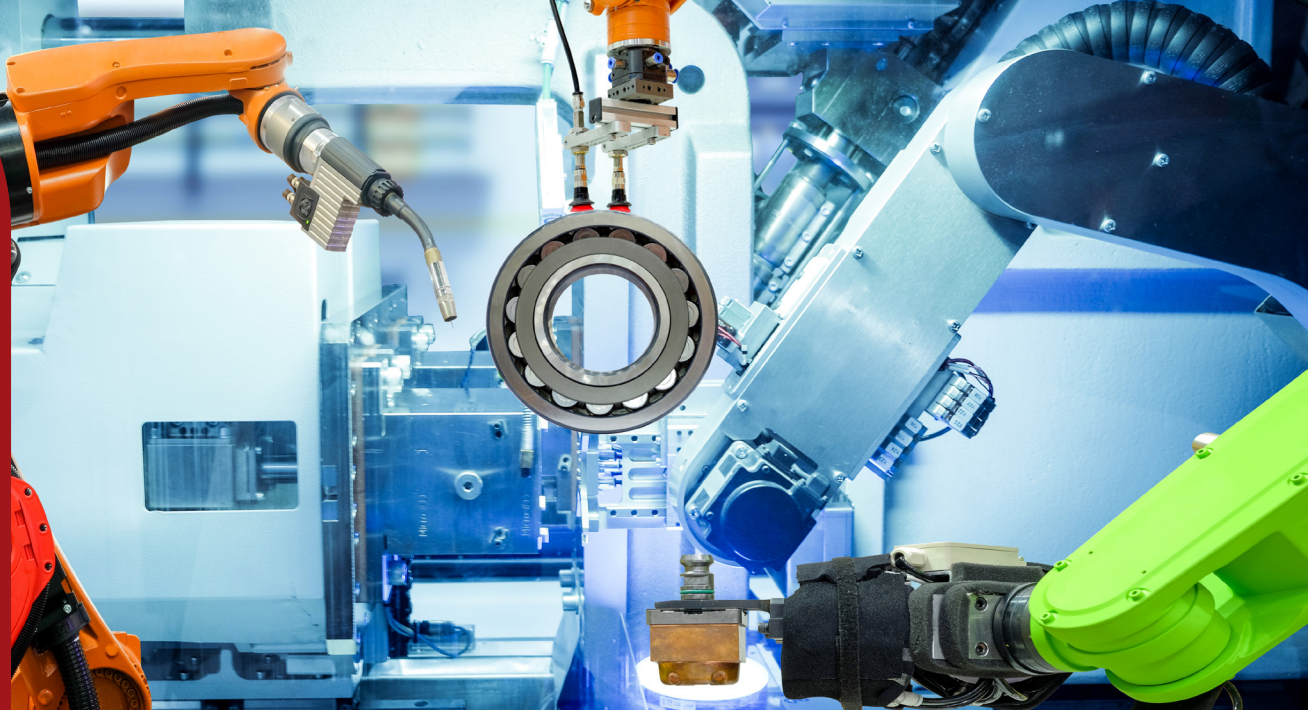# DATA CENTER
Security and reliability where you need the most

The technological requirements of IT systems in a Data Center are critical. The telecomuncations infrastructure must be prepared to support new technologies and future services, providing at same time the modularity and agility to support the need for speed and bandwitdth.

KNOW MORE

FI²S
FURUKAWA IoT for INDUSTRY SYSTEM

It aims to meet the specific characteristics related to critical industrial environments, following the strictest performance standards, in addition to optimizing communication between AT and IT infrastructures.

- **Robustness**: robust products that offer high reliability and long service life, reducing installation and maintenance costs.

- **Operation and investment cost reduction**: unscheduled network maintenance minimized or even eliminated / expansions and scheduled maintenance made easy / infrastructure optimization.

- **Better innovation capability**: Smart products and advanced technologies that increase added value.

- **Flexible infrastructure and information transparency**: easy expansion and maintenance / improves network infrastructure visibility and control.

- **Gaining a competitive advantage**: Digital technologies with a significant impact on growth, offering better services.

- **Integration with field devices**: extending and integrating the scope of the cabling infrastructure for all devices.

Furukawa Institute of Technology

Knowledge for an increasingly connected world.

For over 20 years, we have trained professionals to serve the technology and telecommunication market with the best installation practices for Furukawa solutions.

There are currently over 70,000 trained and certified professionals.

NEW

E-LEARNING
Furukawa training platform.

FURUKAWA TRAININGS
Train our channels and customers on Furukawa solutions.

TRAINING CENTERS
Train the general public and the sales channel.

TECHNOLOGICAL PARTNER
Complementary training for the sales channel.

UNIVERSITIES
Preparing future professionals.

Furukawa Professional Services

PLANNING

COMPLETE TRAINING

QUALITY DESIGN

FAST CONSTRUCTION

EFFECTIVE OPERATION

NETWORK WARRANTY

Villa Hotels
FUN ISLAND RESORT & SPA

Maldivas

Laserway

villahotels.com

"GPON is a cost-effective solution that can deliver long-distance data transmission over 100 meters unlike the traditional LAN, and it also enables triple-play services to all guest rooms."

MR. ALI HAMMAD
Director of Technology at Villa Hotels

Furukawa technology has improved customer experiences as well as IT services. Now our guest can enjoy all their favorite shows in pristine HD while staying with us.

Paradise destinations such as these island resorts from Villa Hotels in Maldives are the dream of many around the world and, as such, guests expect the utmost experience when staying in it. To be able to gift these guests with unforgettable moments, Villa Hotels invested in beautiful hotel infrastructure from its accommodations and landscapes design to, of course, its connectivity network.

THE IMPLEMENTATION PROCESS

For the initial project analysis, Furukawa's expert design engineers analyze all the customer's requirements and installation environment for the project, and propose the most suitable network solution in accordance with international cabling standards. For the implementation phase, with Furukawa's start-up service, a Laserway solution specialist is sent to the project's site to support the IT team in configuring the network equipment and services, and bringing the systems online. Lastly, to make sure that customer is able to have the best and quickest support possible for any issues during the operation of the network, they can rely on Furukawa's Premium 24x7 support service which enables customers to request any kind of support at any time over all 365 days of the year.

Villa Hotels has taken full advantage of all these services to effectively prepare and deploy its Laserway networks and, as a result, guests have been able to experience high quality services throughout its resorts.

Check out the network of hotels that already implemented

Furukawa GPON Laserway Solution

Indonesia Raffless Bali · Aston Cilegon Boutique Hotel · South78, Tangerang · Sakura Garden City, Jakarta
Mexico Riltz Carlton, Los Cabos · Staybridge, Iraputo Guanajuanto

CHECK OUR WEBSITE
TO KNOW MORE.

Contact us

FURUKAWA
ELECTRIC GROUP