



## COMPANY PROFILE 2023





**Fracarro** is an Italian company operating all over the world since 1933. It brought TV into the homes of Italians and still today designs and manufactures a range of over 1,000 products for the **reception and distribution of audio video data signals.**





# TECHNOLOGIES

**Fracarro** has always accompanied **technological evolutions** by designing and implementing the most appropriate solutions for the management of audio, video and data signals.

It specialises in the complete processing of signals on **GPON** (Gigabit Passive Optical Network), **IP and coaxial networks**, being able to manage **all digital technologies**: TV (DVB-T2), SAT (DVB-S2), cable (DVB-C) and IP (DVB-IP).



# FIBRE OPTIC

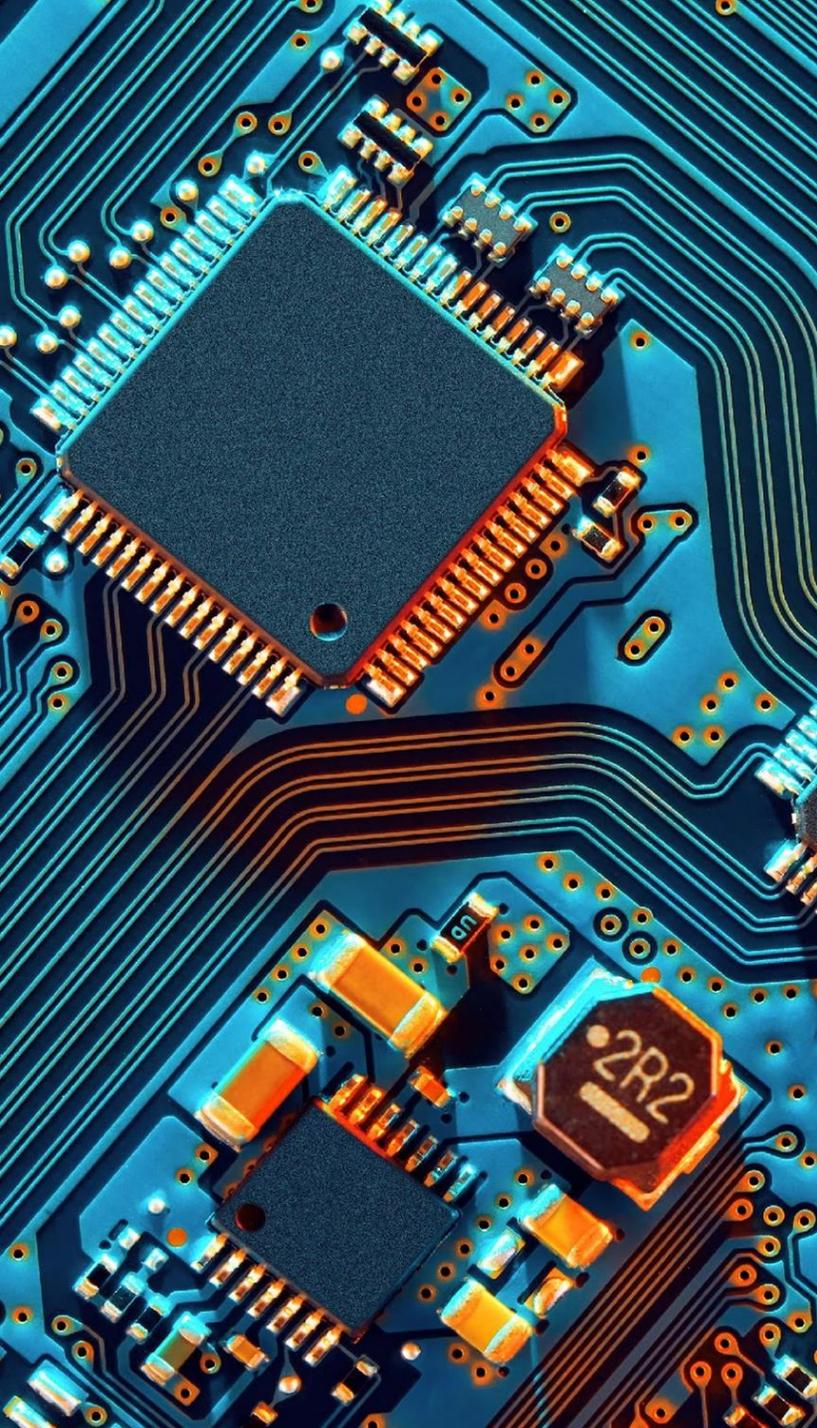
The use of **optical fibre** as a vector for the distribution of audio video data signals, today represents the most modern trend for the construction of systems open to future technological developments. **Fracarro has been dealing with optical fibre since the 1990s** with numerous prestigious installations built throughout Europe.

# RESEARCH AND DEVELOPMENT

The technological heart of **Fracarro** is represented by the **Research and Development department** present in the Castelfranco Veneto headquarters. Engineers and specialised technicians are involved in the design of high-tech solutions, with particular attention to ease of use by the operators.

The department collaborates with the main international standardization committees.





# PRODUCTION

The production activities are carried out at our Italian and foreign offices under the direct control of **Fracarro** technicians who ensure the most adequate **quality standards**.

In particular, the production of electronic devices is carried out with 2 Pick and Place lines for an assembly capacity of **80 thousand components per hour**. The inspection machines (AOI and xRAY) control the process of making the cards.

# CONTEXTS

For each type of system, **Fracarro** is able to guarantee the most appropriate solution with respect to the technical constraints and customer requests: from **large institutional and corporate systems** to **hospitality structures**, from **condominium systems** to even **small-sized systems**.





# SERVICES

Relying on **Fracarro** means not only having the most advanced technologies, but also being able to count on a series of **services** dedicated to operators in the sector, available thanks to a widespread sales network:

- **training**
- **plant design and sizing**
- **inspections and drafting of declarations of conformity**
- **technical assistance**

1933

## A story of passion

When the brothers **Bruno and Giovanni Fraccaro** begin to invent the first intercom and radio devices, the world still does not know television: we are in the 1930s and the great passion for radio frequency leads them to create the first prototype of a television.

Since then, Fracarro Radioindustrie has never stopped, coming to conquer the nickname of **Lady of the Antennas** in the 1960s and continuing to this day to create solutions for the management of audio video data signals.

1990

## From antennas to optical fiber

In the last years of the 1900s, Fracarro **anticipated technological challenges** by becoming a point of reference for the construction of satellite TV and DATA systems with **fibre optic technology**.

From large corporate systems to institutional buildings, Fracarro's solutions are synonymous with cutting-edge technology and the **Research and Development department** is considered a point of reference for the major international standardization committees.

2023

## New wavelengths

Today **Fracarro** is able to develop the most suitable solutions for the creation of **IP networks with GPON infrastructure**, integrating all digital signals over optical fiber.

In addition to the **Triple Play service** (telephony, browsing and video), using **new wavelengths**, **Fracarro combines the world of digital television with that of networks**, to serve the buildings of the future.



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