Talgo is an engineering Spanish company specialized in the design and manufacturing of trains, as well as in the provision of maintenance services to railway operators worldwide.

Talgo was established in 1942 as a result of an innovative light and articulated train concept, which provided a significant improvement from an operational and maintenance point of view compared to other contemporary trains. Some of these improvements were: lower energy consumption, reduced traction effort and travel times with practically no investment on the infrastructure, increased passenger comfort, accessibility and safety.

This "revolution" was considered as a great engineering development, not only in our country but also internationally and since then Talgo has been at the forefront of the railway innovation and development. Since then and up to the present, Talgo has kept its innovative nature by means of the permanent improvement of its products, as well as the creation of new solutions adapted to the transport needs of its customers (railway operators all around the world) and society.
70 years after its creation, the company has become a passenger train global manufacturer, specialized in the design, manufacturing and maintenance of regional, intercity and high speed trains. Nowadays, Talgo is a high speed leader, being the main supplier of high-speed trains in Spain and worldwide, is placed among the main companies within this field.

Today, there are Talgo trains running through countries such as Spain, Portugal, France, Switzerland, Italy, USA, Argentina, Kazakhstan, and Uzbekistan.
Aim
Our aim is to become a leader company of the railway Spanish sector, with international recognition and industrial presence, due to our innovation capacity, technology, quality, reliability and the added value of all our products and service.

Vision
Our policy leads us towards being a products and services supplier company, able to implement integral and innovative solutions in new fields and markets.

Values
• Technological innovation.
• Customer-oriented service.
• Commitment and Identity.
• Professional development.
• Integrity.
• Safety and health of our employees.

Safety, Quality and Environment
Throughout its history, Talgo has always considered safety, quality, and environment, as basic aspects of all its activities.

• Its policy regarding quality and management system, is certified with UNE-EN ISO 900 standard among others.
• Regarding safety, it is provided with an specific policy, and a Prevention System training is depeloped, too. Also, the OSHAS 18001 standard which promotes both safety and occupational health management is implemented.
• With respect to its attention to the environment, nn Environmental Management System based on UNE-EN ISO 14001 standard has been implemented.
Prizes and Awards

- 2000, Príncipe Felipe Award for Business Excellence.
- 2002, Award for "The most export-oriented company".
- 2006, Extraordinary award in the Innovation, Technology, Sustainability and Enterpreneurs category.
- 2008, TALGO "Agustín Planá" in Metallurgical Research award.
- 2009, Exportation and Internacionalization award.
- 2009, Bonaplata special prize in Heritage (partnership) awarded by the Scientifical and Technological Catalanian Museum Association.
- 2010, Osalan award in exportation.
- 2010, RAI Academiae Dilecta award.
- 2010, Innovative Career award.
- 2011, European Citizens Prize in the European Careers category.
- 2012, Diamond award for purchasing in the Strategy category awarded by AERCE.
- 2012, Spaindo award in the Best Company category.
- 2012, Leaders Group Excellence Prize in the Internacionalization category.
- 2013, FUNDACION ONCE Discapnet Award- The train in your mobile.
- 2013, European Inventor Award by popular vote from the European Patent Office (EPO).
**OUR PRODUCTS**

**Very High-Speed / > 300**
- Avril
- Talgo 350

**High-Speed / 220 – 300**
- Talgo 250
- Talgo 250 Dual

**Intercity, / 180 – 220**
- Talgo XXI
- Coaches (daily and Hotel Train)
- Serie 8 USA

**Locomotives**
- Travca
AVRIL, the High-Speed future

The latest Talgo development is the Very High-Speed known as AVRIL (in Spanish, High Speed Light Independent Wheel)

**Exterior:**
- Designed by Pininfarina
- Optimum aerodynamic
- State-of-the-art technology
- Exclusivity

**Competitiveness:**
- Maximum capacity in a single-floor configuration
- Seats setting for all usages
- Minimum energy consumption and high-capacity
- The best accessibility of the market

**A unique solution:**
- 3.200 mm car wide:
  - Large space and comfort
- 3+2 coach distribution:
  - Great flexibility in operation.

**Individual passengers**
- Couples
- 3-person groups
- Families or 4-person groups
- Families or 6-person groups
- Intermediate seat, only if the passenger load factor is higher to 80%

**Low floor coaches.**
- Standard height of the platform: 760 mm.
- Utmost respect for people with reduced mobility.
- Time for passengers transfer in the station minimized.
TALGO TECHNOLOGY

• Light construction.
• Articulated union between cars.
• Guided axels and Independent wheels

• Natural tilting.
• Low centre of gravity.
• Accessibility
In Talgo, we are pioneers offering integral maintenance solutions to railway operators around the world. For more than 60 years, our philosophy is to offer a complete technological cycle of trains together with maintenance services as can be seen below:

- Maintenance Engineering
- Maintenance management system
- Cleaning service.
- Facilities maintenance.
- After-sales service.
- Updating service.
Different maintenance equipment, which purpose is to cover all needs of the operators regarding maintenance and safety of the railway stock are also designed and manufactured by Talgo in addition to after-sales services worldwide. This equipment is divided into 5 groups:

- Integral installation.
- Lathe pit.
- Measurement equipment.
- Shunting cars.
- Manual gauges.
**GEOGRAPHICAL AREAS WHERE TALGO PRODUCTS AND SERVICES ARE OFFERED**

**TALGO AROUND THE WORLD**

**Trains and Maintenance Services:**
- Germany, Spain, USA, France, Kazakhstan, Uzbekistan, Portugal, Russia, Switzerland, Italy and Bosnia & Herzegovina.

**Maintenance Equipment (lathe pits, measurement equipment and shunting cars):**
- Talgo have supplied 342 maintenance equipment in 27 countries.

**Total in October 2013:**
- Lathe Pits: 143
- Shunting cars: 139
- EVA: 38
- DSR: 19
- EMO: 3

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**countries implementing Talgo Projects**
- All business areas

**offices & Maintenance Workshops**

**Manufacturing Plants**

**Commercial Offices**
- Chile
- Russia
- India
- Arab Emirates
- Turkey

**Production facilities**
- Spain
- Kazakhstan

**Maintenance Workshops**
- Spain
  - Barcelona
  - San Andrés Condal
  - Cantunis
  - Madrid
  - Matas I
  - Fuencarral
  - Cero Negro
  - Málaga
- Kazakhstan
  - Almaty
  - Astana
- Uzbekistan
  - Tashkent
- Argentina
  - Chascomus
  - Buenos Aires
- Germany
  - Berlin
- USA
  - Seattle

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**Countris implementing Talgo Projects**
- All business areas

**Offices & Maintenance Workshops**

**Manufacturing Plants**

**Commercial Offices**
- Chile
- Russia
- India
- Arab Emirates
- Turkey

**Production Facilities**
- Spain
- Kazakhstan

**Maintenance Workshops**
- Spain
- Kazakhstan
- USA
TALGO AROUND THE WORLD

PROJECTS IN SPAIN AND EUROPE

Talgo, leader in Spanish high-speed. Main supplier of AVE trains in Spain.

Long distance, intercity and international services.
**INTERNATIONAL PROJECTS**

Bosnia & Herzegovina

Talgo helps to connect the Balkan countries

USA

*Changing the way America moves* Talgo series 8, the new train for the American market.
TALGO AROUND THE WORLD

LAST INTERNATIONAL PROJECTS

Arabia

The high-speed train which connects Mecca and Medina. Currently, the most important high speed railway project.

Russia

Talgo contributes in the communications between Russia and Europe by means of its latest generation passenger cars.
TALGO AROUND THE WORLD

LAST INTERNATIONAL PROJECTS

Uzbekistan

Talgo supplies the first high-speed train in Central Asia.

Kazakhstan

Talgo modernizes the railway system of this country by updating the rolling stock.
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Sao Paulo

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New Delhi

RUSSIA
Moscow

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