





## ABOUT US

- Established in 1942
- Over 65 years in business
- Over 3,000 vehicles built
- Standard and customized applications
- Unique technology
- 100% compliance with all deliveries
- Safety record



*Talgo*

## OUR BUSINESS

*Talgo*



TRAINS



MAINTENACE EQUIPMENTS

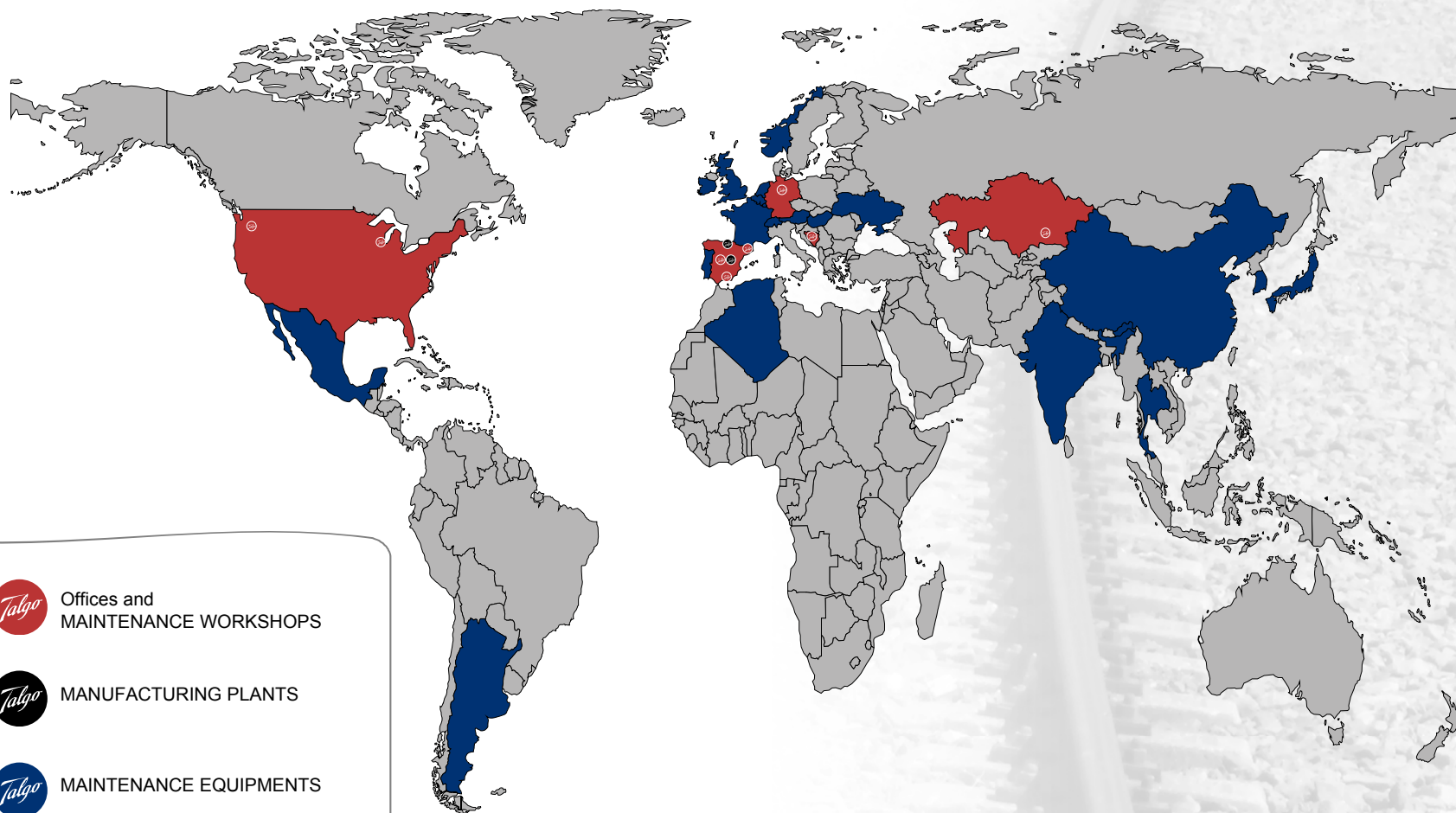


MAINTENANCE SERVICES





## TALGO WORLDWIDE



Offices and  
MAINTENANCE WORKSHOPS



MANUFACTURING PLANTS



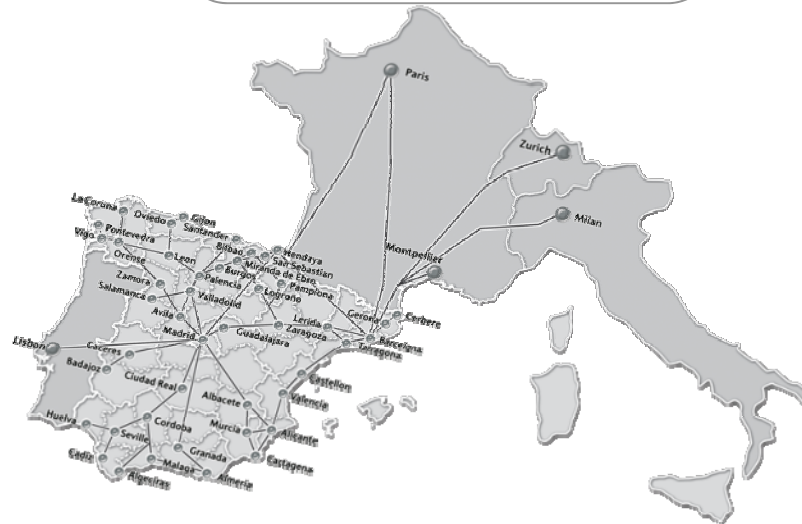
MAINTENANCE EQUIPMENTS



## TALGO ROUTES

### SPAIN AND EUROPE

Long distance, Intercity and International services



### SPAIN High Speed



KAZAKHSTAN



UZBEKISTAN



BOSNIA AND  
HERZEGOVINA

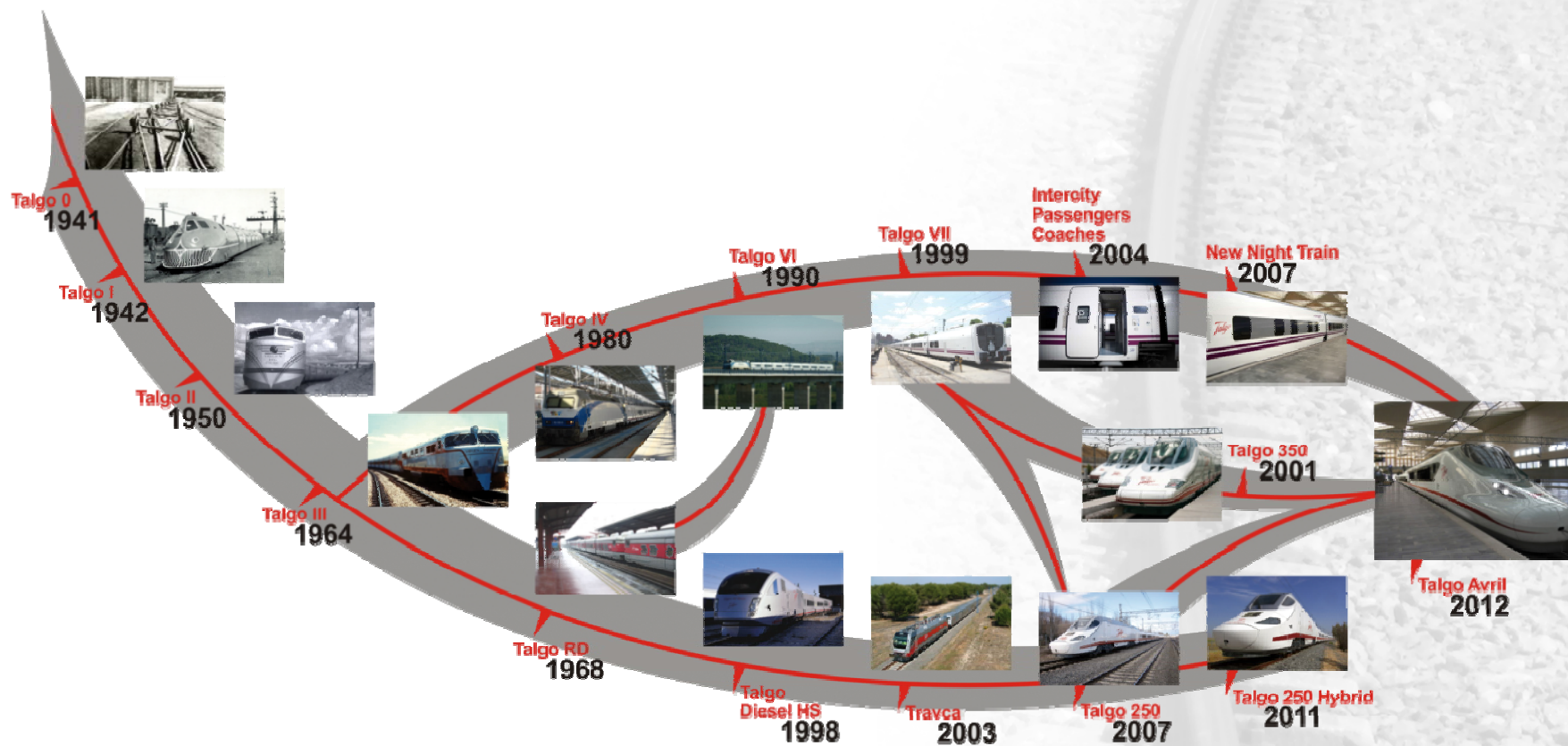


UNITED STATES



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## TALGO EVOLUTION





## OUR VISION

**From:**



**To:**

**Global train integrator**



**World is changing,  
Needs are changing,  
Customer profiles are  
changing**

**We are adapti:**

- R&D department, increased 23% in 2 years.
- Sales and marketing department, increased in 200% in 2 years.





## OUR PORTFOLIO

### Very High Speed



### High Speed



### Intercity



### Locomotives

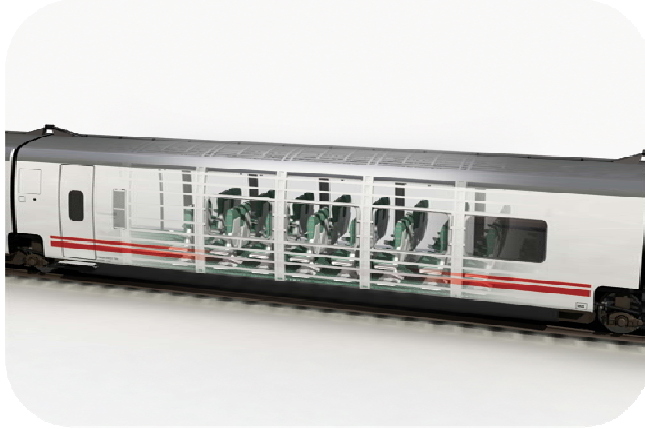






## ADVANTAGES OF OUR TRAINS

### ● LIGHTWEIGHT CONSTRUCTION



#### ADVANTAGES:

- Lower traction cost
- Higher acceleration

### ● ARTICULATED UNION BETWEEN CARS



#### ADVANTAGES:

- Lower track interaction
- Less aerodynamics drag
- Higher passive security
- Guidance facility
- Lower maintenance and higher reliability



## ADVANTAGES OF OUR TRAINS

### ADVANTAGES:

- Increases comfort
- Decreases noise
- High track adaptability

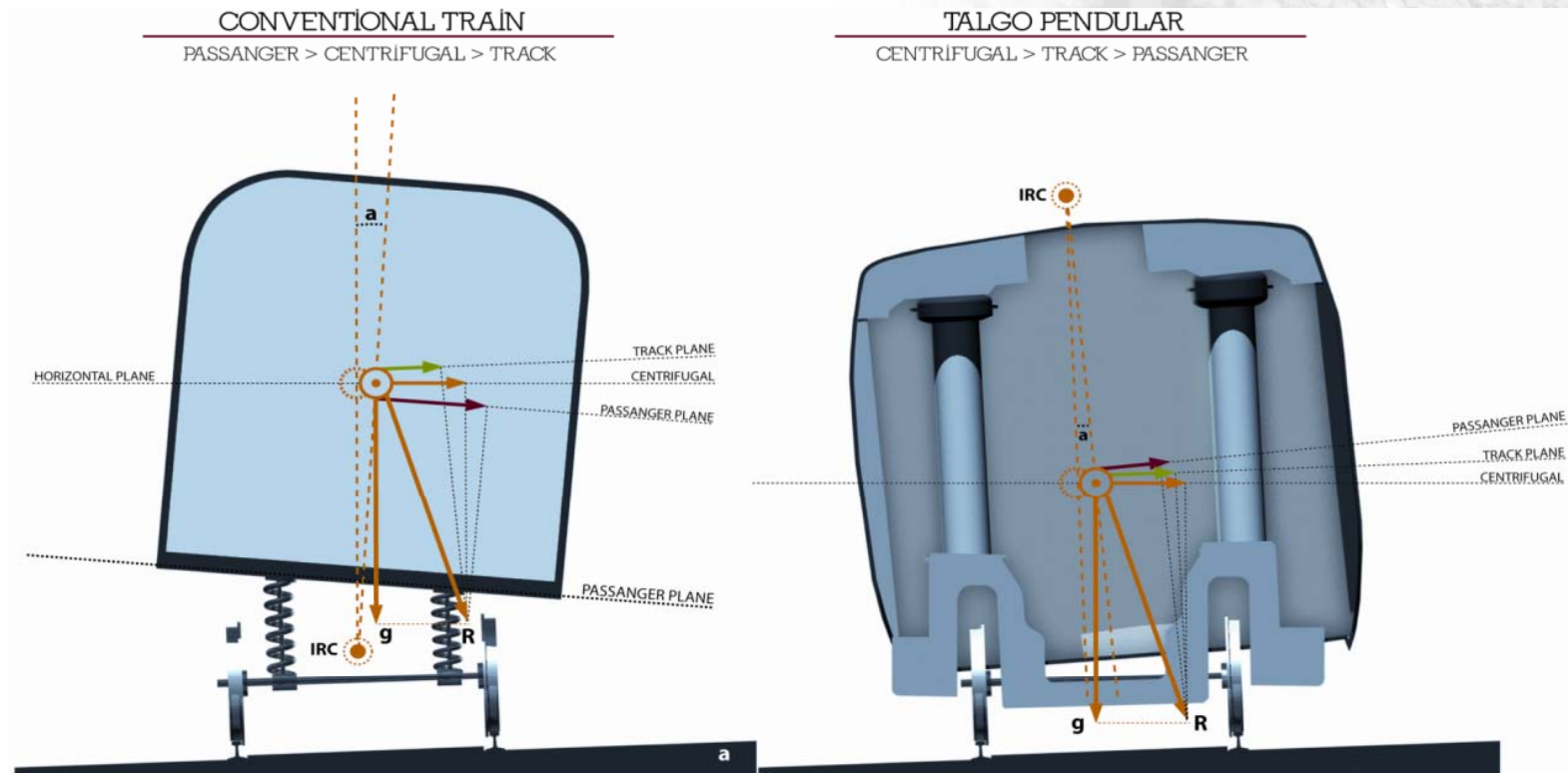
#### ● GUIDED AXLES

#### ● INDEPENDENT WHEELS



### ● NATURAL TILTING SYSTEM

- Zero energy consumption
- Maximum reliability due to its simplicity
- Zero maintenance and manufacturing cost
- Improved passenger comfort
- No additional investment on infrastructure needed
- Higher speed in curves







## TALGO VARIABLE GAUGE SOLUTION

