



ISAF IN THE RAILWAY SECTOR

Version: 1.0

Release date: 2024-03-07

A doorway to the future.





Milan Metro Yellow Line M3

THE HISTORY

In the 70s and 80s Isaf began its activity in the production of windows of all types for the railway sector. In the 90s, in collaboration with the largest companies of the time (Fiat Ferroviaria Savigliano, Breda, Socimi, Sab Wabco and Firema) the production of doors was implemented and delivered for some of the most important orders of the time:

- For the subway:



Medelline, Washington, Cairo, Corsica, Rome Lido, Milan line 3, Naples, Circumvesuviana (locomotive doors)



Medelline Metro



Washington Metro



Cairo Metro

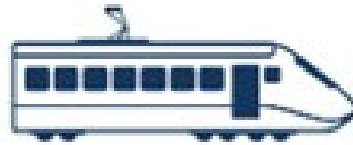


Corsica Metro



Rome Metro

For trains:



ETR 460/500 – underbody fairings, locomotive doors, cab and cab windows
Westinghouse Z1 carriages, doors for medium-distance trains.



ETR 460 manual door and window



ETR 500 manual door and window



Westinghouse Z1 doors for medium-distance trains

During the crisis in the railway sector in Italy in 1992-93, which saw the closure of some large manufacturing companies, Isaf decided to focus more on the production of bus doors, becoming a European and world leader in this sector.

NOWDAYS

It was only about 6-7 years ago that we decided to try to get back into the railway sector.

In recent years, our turnover in this sector has increased more and more and is still growing.

The latest works done are:

- For the subway:



Naples, Circumvesuviana (passenger doors), Catania Metro.



Metro Naples



Circumvesuviana



Metro Catania

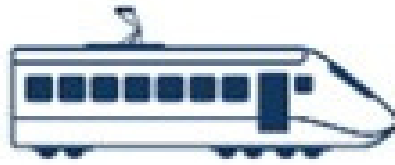
- For the tram:



Belkommunmasch project (Belarus) selling the door complete with our electric sliding control.



- For the trains:



TAF renovation, Turin tram renovation, Eurotram Milan revamping, Rome-Viterbo renovation, doors for Microsistemi, complete doors for Mermec diagnostic trains with currently manual sliding driving unit, which can be transformed into pneumatic or electric if necessary.



Turin Tram



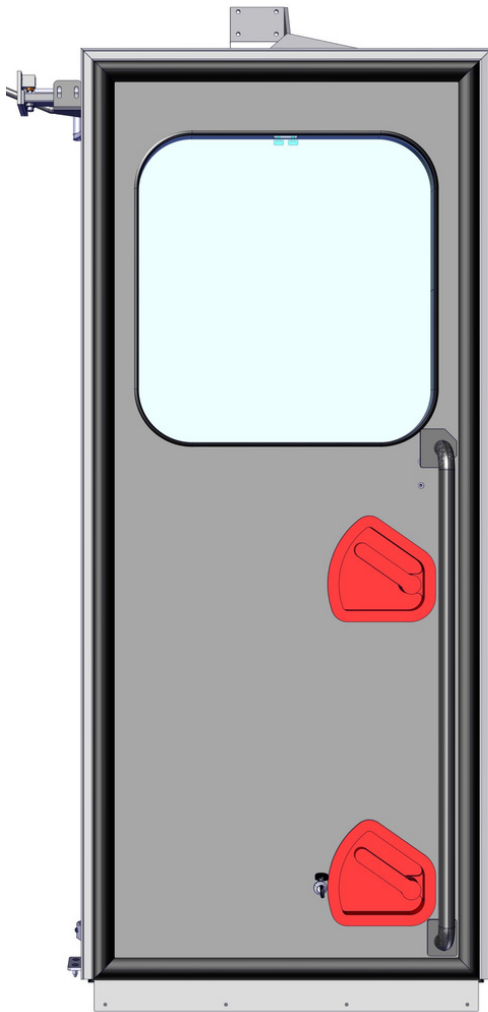
Rome Tram



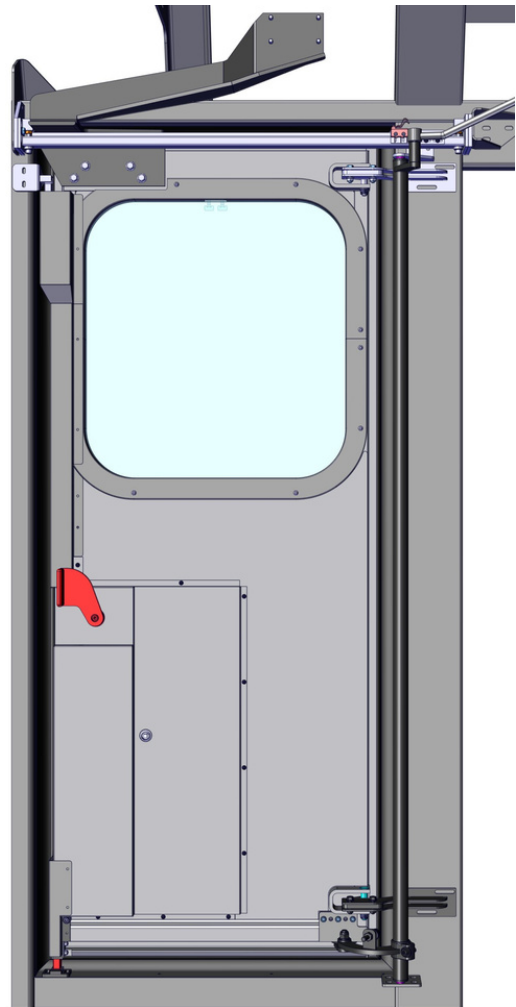
Rome Tram



Rome Metro



External view Mermec

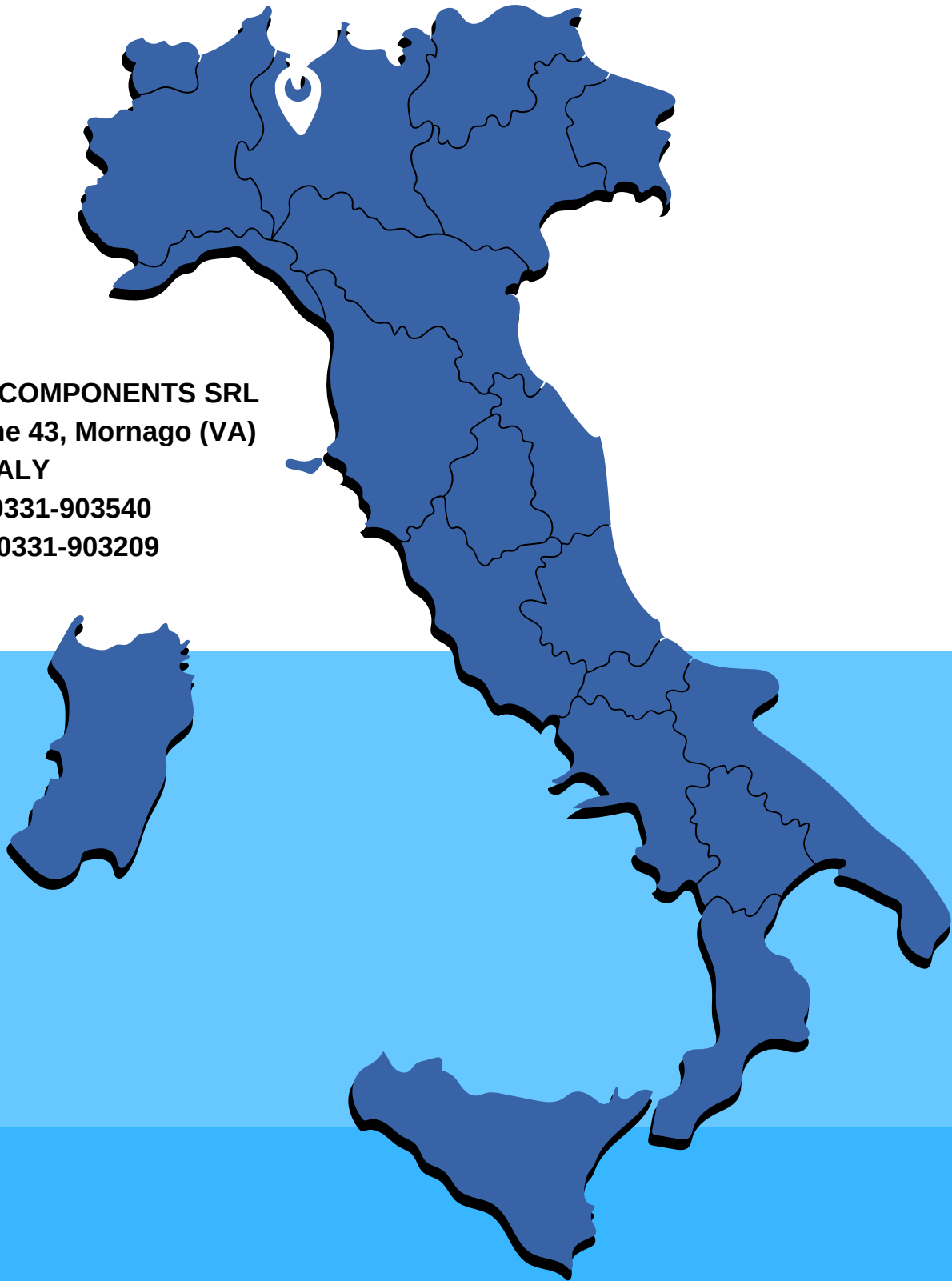


Internal view Mermec

We currently have many contacts and are participating in some tenders such as:

Hitachi tram, Lazio region metro, train to India, sliding door with double leaf control for the Romania tram and other possibilities.

The Isaf company specializes in the production of doors for railway vehicles, but if necessary, it can develop its own driving unit (as done for Mermec) according to all the regulations required by the sector.



Contact

- **ISAF BUS COMPONENTS SRL**
- **Via stazione 43, Mornago (VA)**
- **I-21020, ITALY**
- **Tel: 0039-0331-903540**
- **Fax: 0039-0331-903209**