



Easy Rail Freight

Services Viewer and Configurator

User's Manual

V0.5

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INTRODUCTION

PURPOSE OF THE DOCUMENT

The purpose of this document is to provide an operating guide to the use of Easy Rail Freight applications.

The applications provide the ability to view and manage the multimodal services offered by a transport operator, highlighting their main attributes and related features, and promoting rail and multimodal transportation even to the least experienced users in the sector.

ACRONYMS

ACRONYM	DESCRIPTION
ERF	Easy Rail Freight
T2T	Terminal to Terminal
D2D	Door to Door
MTO	Multimodal Transport Operator
LSP	Logistics Service Provider
DG	Dangerous Goods

EASY RAIL VIEWER APPLICATION

LOG IN

Through the features provided by WSO2, it is possible to authenticate and access the application according to a defined profile.

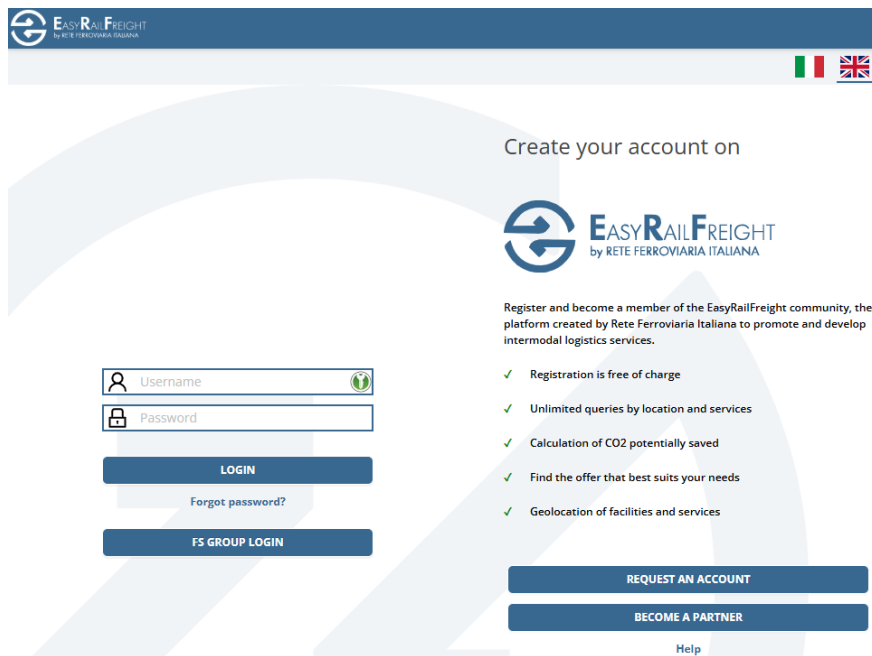


Figure 1: Login screen - Easy Rail Viewer

If you already have a user account, enter your username and password and click on “login” to access the application.

To create a consultation-only intermodal services user account, select “Create a Consultation Account” to access the form for creating and submitting a request. The information required to enter a request are:

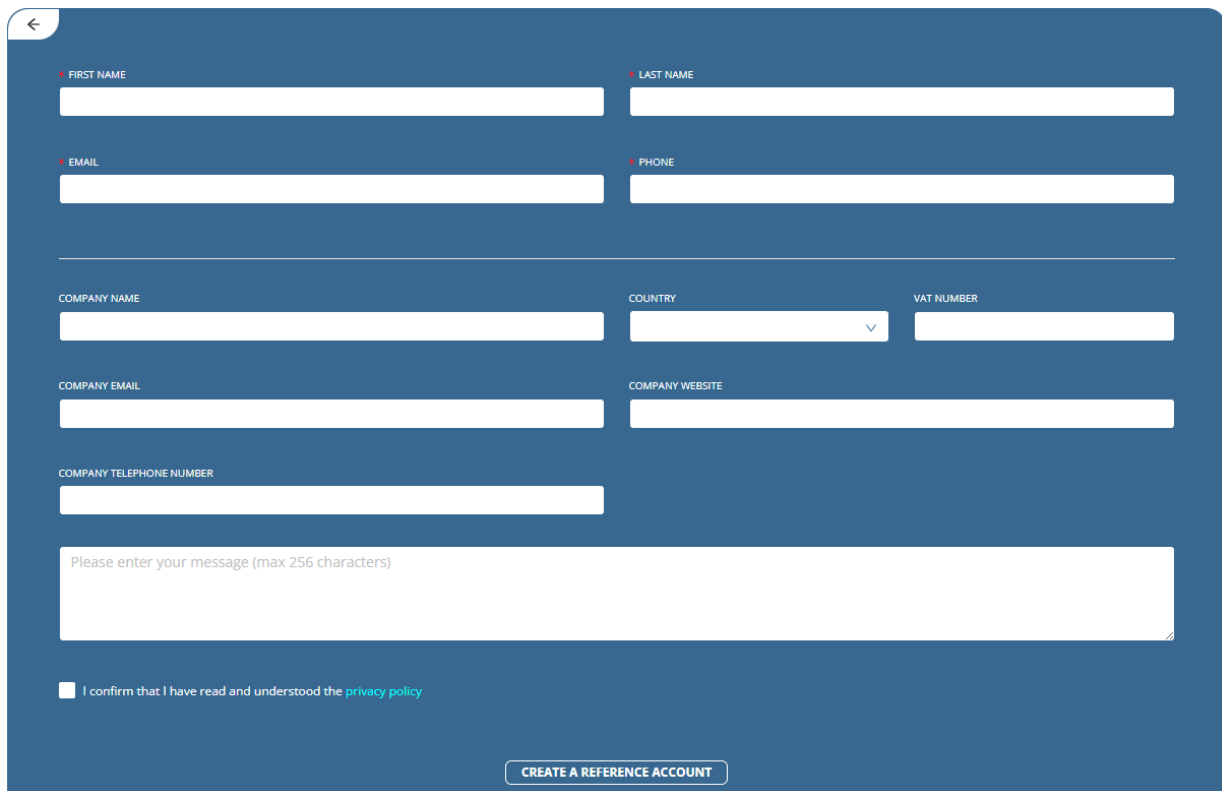
- First name;
- Surname;
- Email;
- User phone no.

Optional information includes:

- Company name;
- **Company nation;**
- Company VAT no.;
- Company email;
- Company website;
- Company phone no.

After selecting “I confirm that I have read and understood the privacy policy”, click on “Create a Consultation Account”. The user account, with a generic consultation profile, will be created automatically, and at the end of this process an email will be sent to the requester with access credentials.


Enter your contact details to be contacted by the Administrator



The screenshot shows a mobile-style form with a dark blue background. At the top left is a back arrow. The form fields are arranged in two columns:

- Top row: FIRST NAME and LAST NAME (text input fields).
- Second row: EMAIL and PHONE (text input fields).
- Third row: COMPANY NAME (text input field), COUNTRY (dropdown menu), and VAT NUMBER (text input field).
- Fourth row: COMPANY EMAIL (text input field) and COMPANY WEBSITE (text input field).
- Fifth row: COMPANY TELEPHONE NUMBER (text input field).
- Sixth row: A large text area for a message with the placeholder text "Please enter your message (max 256 characters)".
- Bottom row: A checkbox labeled "I confirm that I have read and understood the [privacy policy](#)".
- At the very bottom center is a button labeled "CREATE A REFERENCE ACCOUNT".

Figure 2: Creating a Consultation Request - Easy Rail Viewer

You can select the desired profile and manage the application language from the right-hand panel, accessible by clicking the  button.

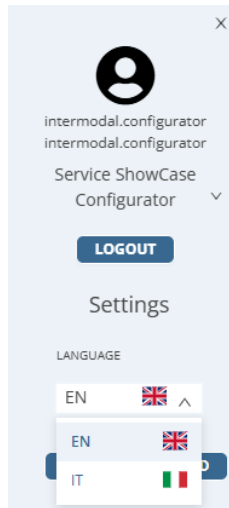


Figure 3: Profile selection and language setting - Easy Rail Viewer

INTERMODAL SERVICE MENU

The Intermodal Service menu of the Easy Rail Viewer application allows consultation of the intermodal services of MTOs.

To activate the feature, click on the “Intermodal Service” item

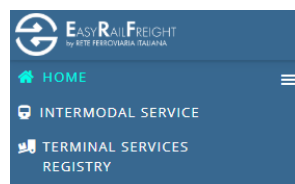




Figure 4: Intermodal Services - Easy Rail Viewer

To select the relevant intermodal services, select the context in the respective filter section.

CONTEXT FILTERS - INTERMODAL SERVICES

To activate the feature, click on the icon on  the left-hand panel of the page. The system presents the Context Filter section.

To reverse the locations, click on the icon  .

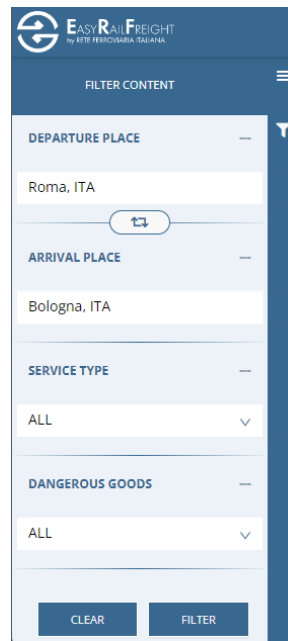


Figure 5: Intermodal Services Group - Context Filter section - Easy Rail Viewer


CONTEXT FILTER FIELDS - INTERMODAL SERVICES


The following fields are present:

Departure place	Search for service departure location
Arrival place	Search for service arrival location
Service type	Drop-down menu with the types of services that are performed: D2D, T2T, ALL
Dangerous goods	Menu indicating the types of goods transported: YES, NO

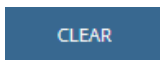
AVAILABLE ACTIONS

The following buttons are present in the section:

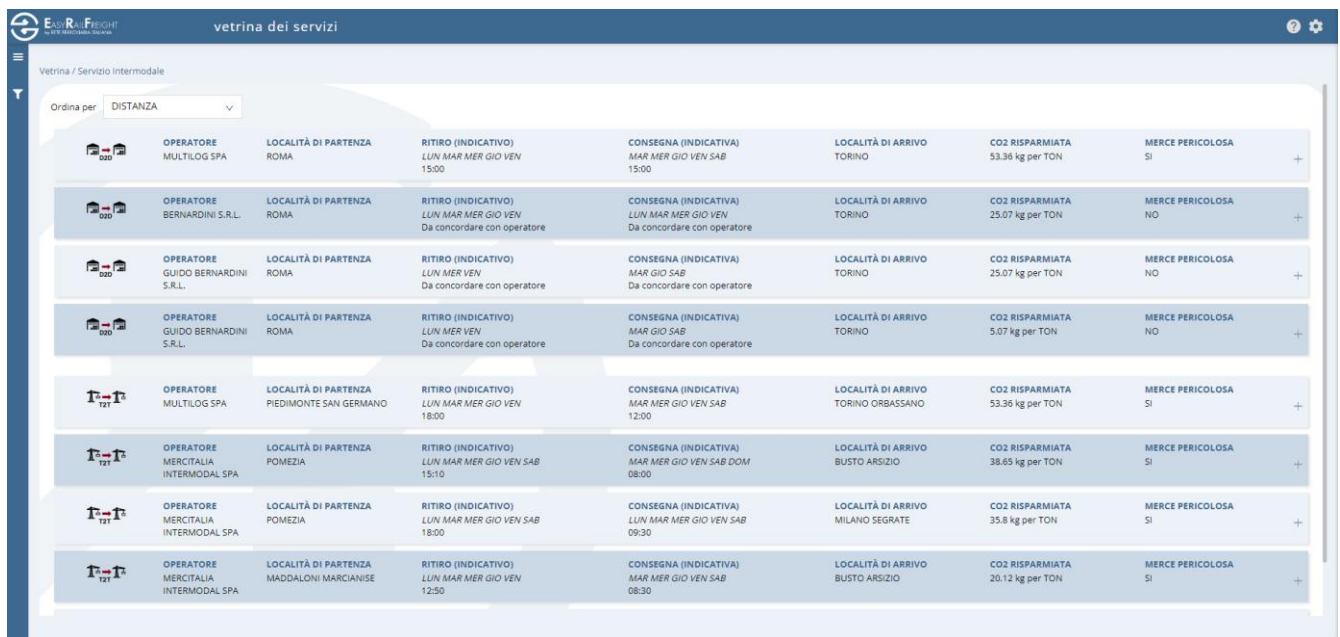
 to show one of the filters present

 to hide one of the filters present

 to activate selection whenever necessary (multiple filters combined)

 to clear the filters

Selected filters at this point show the requested intermodal services.



Operatore	Località di Partenza	Ritiro (Indicativo)	Consegna (Indicativa)	Località di Arrivo	CO2 Risparmiata	Merce Pericolosa
OPERATORE MULTILOG SPA	ROMA	LUN MAR MER GIO VEN 15:00	MAR MER GIO VEN SAB 15:00	TORINO	53.36 kg per TON	SI
OPERATORE BERNARDINI S.R.L.	ROMA	LUN MAR MER GIO VEN Da concordare con operatore	LUN MAR MER GIO VEN Da concordare con operatore	TORINO	25.07 kg per TON	NO
OPERATORE GUIDO BERNARDINI S.R.L.	ROMA	LUN MAR MER GIO VEN Da concordare con operatore	MAR GIO SAB Da concordare con operatore	TORINO	25.07 kg per TON	NO
OPERATORE GUIDO BERNARDINI S.R.L.	ROMA	LUN MER VEN Da concordare con operatore	MAR GIO SAB Da concordare con operatore	TORINO	5.07 kg per TON	NO
OPERATORE MULTILOG SPA	PIEDIMONTE SAN GERMANO	LUN MAR MER GIO VEN 18:00	MAR MER GIO VEN SAB 12:00	TORINO ORBASSANO	53.36 kg per TON	SI
OPERATORE MERCITALIA INTERMODAL SPA	POMEZIA	LUN MAR MER GIO VEN SAB 15:10	MAR MER GIO VEN SAB DOM 08:00	BUSTO ARSIZIO	38.65 kg per TON	SI
OPERATORE MERCITALIA INTERMODAL SPA	POMEZIA	LUN MAR MER GIO VEN SAB 18:00	LUN MAR MER GIO VEN SAB 09:30	MILANO SEGRATE	35.8 kg per TON	SI
OPERATORE MERCITALIA INTERMODAL SPA	MADDALONI MARCIANISE	LUN MAR MER GIO VEN 12:50	MAR MER GIO VEN SAB 08:30	BUSTO ARSIZIO	20.12 kg per TON	SI

Figure 6: List of Intermodal Services - Easy Rail Viewer

INFORMATION FROM THE LIST OF INTERMODAL SERVICES

For each item on the list of available services from a source point to a destination point, the following information is present:

SERVICE TYPE	Service type if D2D or T2T
OPERATOR	Operator name
DEPARTURE PLACE	Location of service departure
COLLECTION (INDICATIVE)	Approximate day and time of goods collection
DELIVERY (INDICATIVE)	Approximate day and time of goods delivery
ARRIVAL PLACE	Service arrival location
CO2 SAVED	Average CO2 saved by the service compared to a trip made entirely by road
DANGEROUS GOODS	Option to transport dangerous goods

AVAILABLE ACTIONS

At the top of the list there is a feature to sort the services:

Ordina per

Ordina per

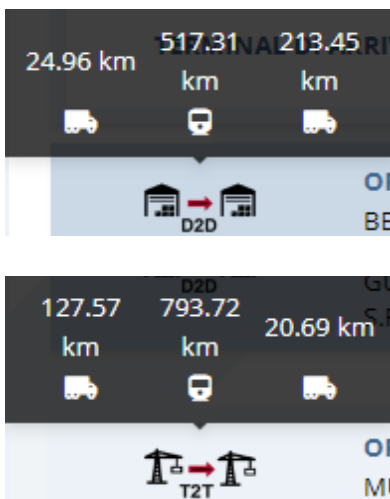
Ordina per

Allows services to be sorted according to distance traveled

Allows services to be sorted according to the departure place

Allows services to be sorted according to CO2 saved in descending order



By selecting a service from those available, it is possible to view the distances traveled:



For Door-to-Door services, the distance traveled by road to reach the departure terminal, the distance by rail from the departure terminal to the arrival terminal, and the distance by road to the destination are shown.

For Terminal-to-Terminal services, the distance that must be traveled by road to reach the departure terminal from the origin of the goods and the destination place from the arrival terminal are shown.

For each service, it is possible to expand the service details using the following buttons:

-  to show the details
-  to hide the details


T2T		OPERATOR	DEPARTURE PLACE	COLLECTION (INDICATIVE)	DELIVERY (INDICATIVE)	ARRIVAL PLACE	CO2 SAVED	DAANGEROUS GOODS
T2T		MERCITALIA INTERMODAL	POMEZIA	MON TUE WED FRI 14:00	TUE WED THU SAT 08:00	SEGRATE	53.95 kg per TON	YES
<p>OPERATOR MERCITALIA INTERMODAL</p> <p> With this solution you save 53.95 Kg of CO2 emissions per ton of goods shipped, compared to a similar transport completely by road</p> <p>This service can carry dangerous goods</p>								
DEPARTURE TERMINAL			TERMINAL SERVICES		ADMINISTRATIVE		ROAD HAULAGE	
POMEZIA			AUTAMAROCCHI SPA		AUTAMAROCCHI SPA PANELLI LSP 3 MDS COMPANY SRL		MDS COMPANY SRL	
ARRIVAL TERMINAL		TERMINALI ITALIA		SPEEDYTRUCK				
SEGRATE		TERMINALI ITALIA		SPEEDYTRUCK				

Figure 7: Details of the selected service - Easy Rail Viewer

In addition to displaying the operator and the average amount of CO2 saved using the service, additional fields are shown in more detail:

DEPARTURE TERMINAL	Departure terminal, whose place of origin is located within the catchment area related to it (in the case of D2D)
ARRIVAL TERMINAL	Arrival terminal, whose destination location is situated within the catchment area related to it (in the case of D2D)
TERMINAL SERVICES	LSP providing terminal services
ADMINISTRATIVE SERVICES	LSP providing administrative services
ROAD HAULAGE OPERATOR	LSP providing road haulage services


For each LSP there is an  icon. Clicking the icon shows the contact details and services that are offered by the provider at that terminal, which were configured during system initialization.



Figure 8: Provider contact details and services - Easy Rail Viewer

HEADER INFORMATION

The following fields are shown:

NAME	Name
PHONE NO.	Telephone number
EMAIL	E-mail address
WEBSITE	Website
SERVICES	Services provided by the LSP

SEARCH MODE WITH MULTIPLE SOLUTIONS

The **EasyRailFreight** system utilizes an advanced search algorithm to guarantee a logistical solution even in the absence of direct connections.

If a search between a point of origin and a destination does not produce immediate results (for both **D2D** and **T2T** services), the system automatically proposes one or more solutions involving an **intermediate stopover**.

In the absence of absolute distance limits for stopovers, these parameters ensure that the proposed solution remains competitive and logistically sustainable.

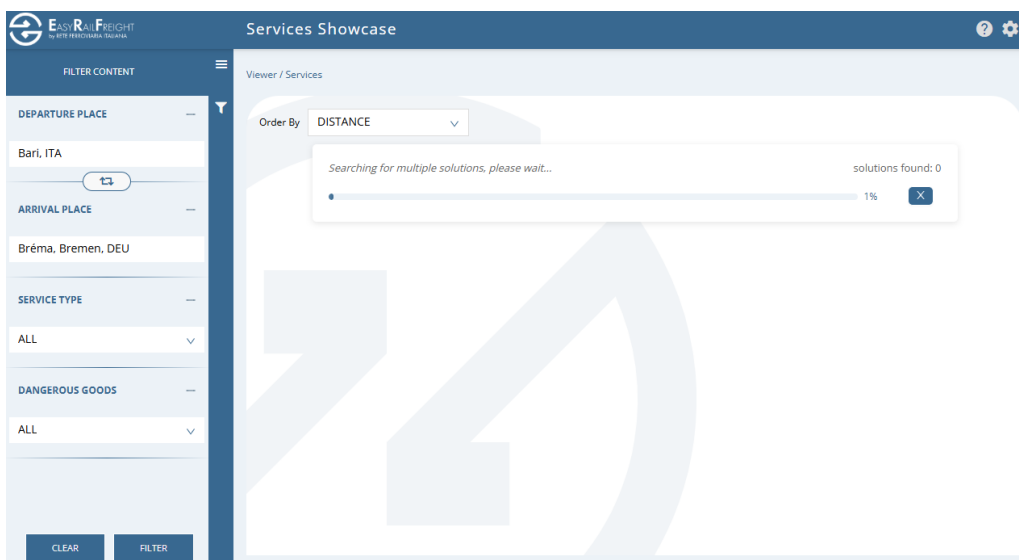


Figura 9: Service search with stopover - Easy Rail Viewer

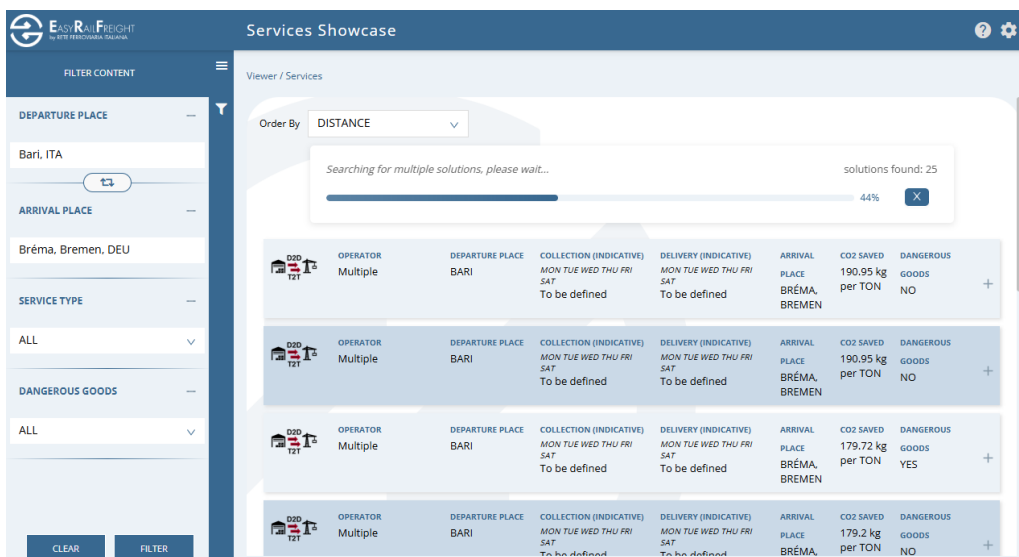


Figura 10: Service search with stopover, service display during search - Easy Rail Viewer

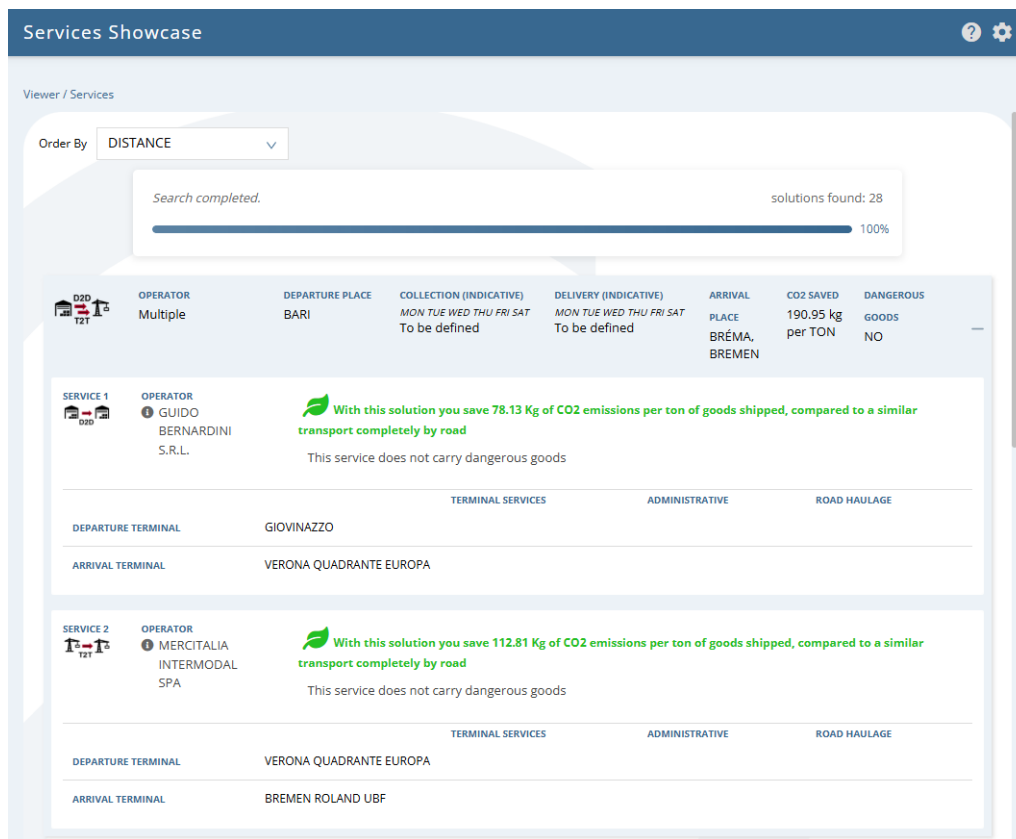


Figura 11: Service search with stopover, service detail view - Easy Rail Viewer


TERMINAL SERVICES REGISTRY MENU

The Terminal Services Registry menu of the Easy Rail Viewer application allows the services found at the terminals (Terminal, Administrative, Road Haulage and MTO) to be consulted.

To activate the function, click on the “Terminal and Services Registry” item

To allow selection of the services at the terminals, the context section in the respective filter section is used.

CONTEXT FILTER - TERMINAL SERVICES REGISTRY

To activate the feature, click on the icon on  the left-hand panel of the page. The system presents the Context Filter section.

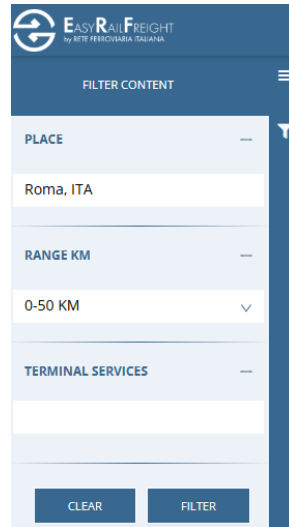


Figure 12: Context Filter Section Terminal Details and Services - Easy Rail Viewer


CONTEXT FILTER FIELDS - TERMINAL DETAILS AND SERVICES


The following fields are present:

Location	Location search
Range KM	Search radius from location Drop-down menu with the following options: (0-50, 0-100, 0-150, 0-200, 0-250, > 250)
Terminal services	Selection of up to 3 terminal services

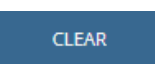
AVAILABLE ACTIONS

The following buttons are present in the section:

 to show one of the filters present

 to hide one of the filters present

 to activate selection whenever necessary (multiple filters combined)

 to clear the filters

Required fields are:

- Location;
- Range KM.

Optional fields are:

- Terminal services.

After selecting the filters, the requested Terminals are shown.

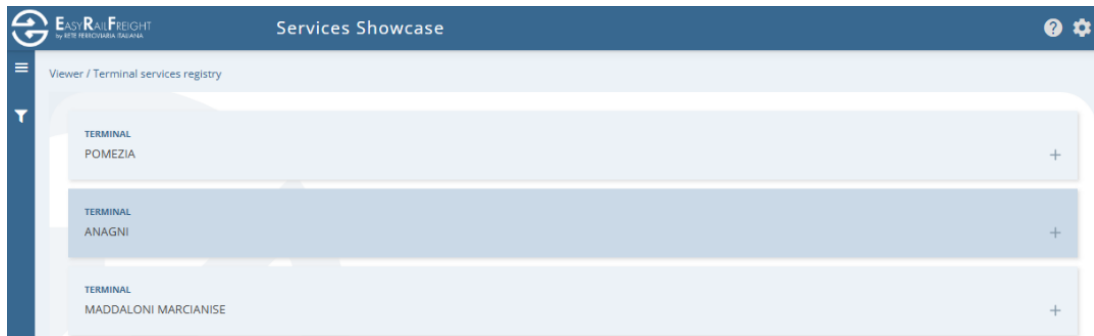




Figure 13: Terminal Details and Services List - Easy Rail Viewer

For each terminal, it is possible to expand the terminal details using the following buttons:

-  to show the details
-  to hide the details

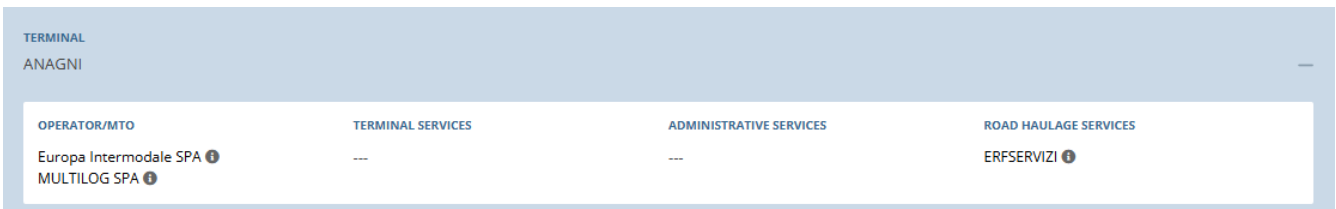


Figure 14: Terminal Details and Services - Easy Rail Viewer

CONTACT IF YOU ARE A TRANSPORT OPERATOR

LOG IN

Through the features provided by WSO2, it is possible to authenticate and access the application according to a defined profile.

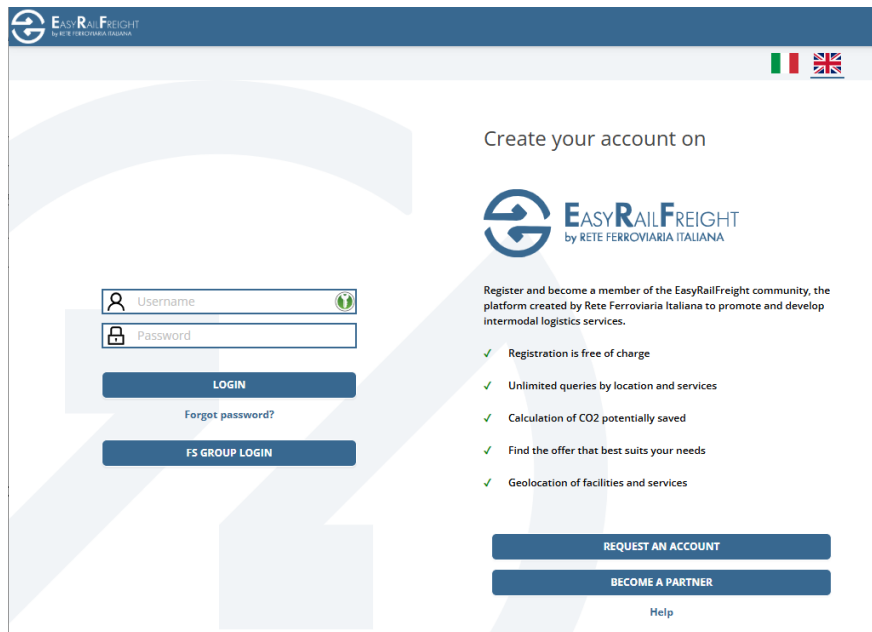


Figure 15: Login screen - Easy Rail Configurator

By selecting “Contact if you are a transport operator”, the “operator” user (MTO, LSP) accesses the contact request creation and submission screen. The information required to enter a contact request are:

- First name;
- Surname;
- Email;
- User phone no.;
- Company name;
- **Company nation;**
- Company VAT no.;
- Company email;
- Company phone no.;
- Profile;

Optional information includes:

- Company website;
- Free text field.

After selecting “I confirm that I have read and understood the privacy policy”, click on “Submit Contact Request”. This request will then be analyzed by the system administrator who will review it, change its status, and create the relevant user account and profile associated with the request, according to the nature of the request.

Enter your contact details to be contacted by the Administrator

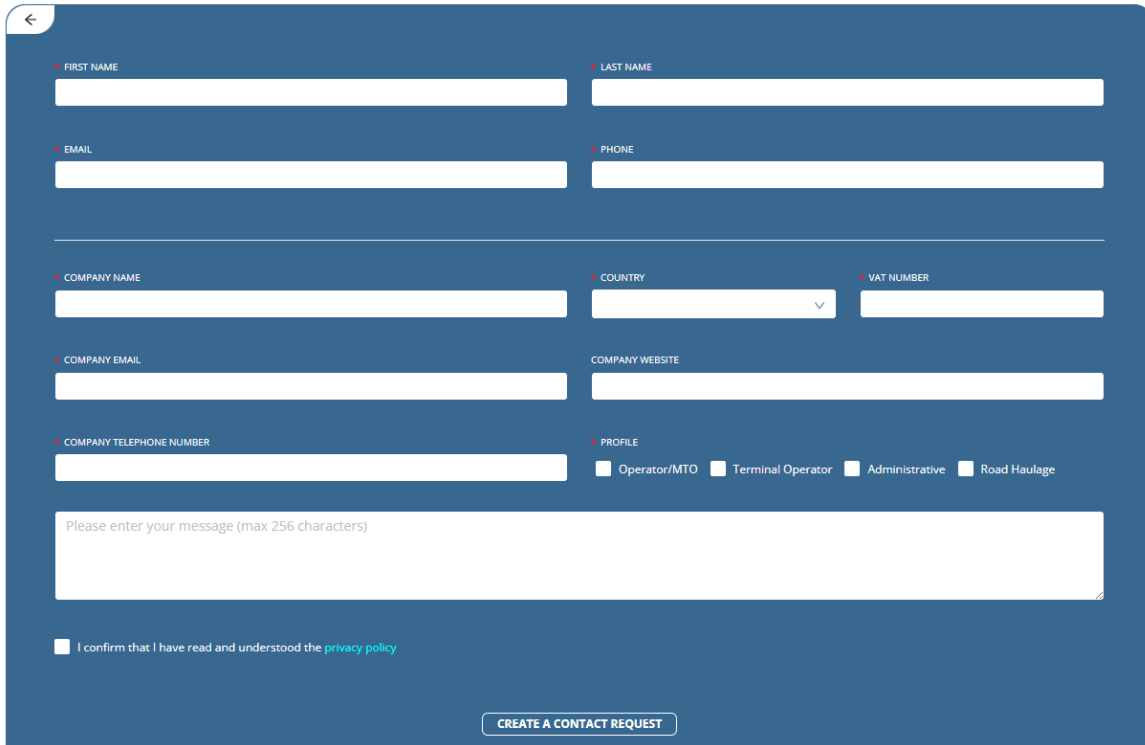



Figure 16: Creating a contact request as an operator - Easy Rail Configurator

If you already have a user account, enter your username and password and click on “login” to access the application.

It is possible to select the desired profile and manage the application language from the right-hand panel, accessible by clicking the  button.

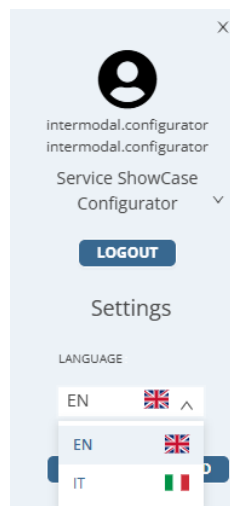


Figure 17: Profile selection and language setting - Easy Rail Configurator

INTERMODAL SERVICE MENU

The Intermodal Service menu of the Easy Rail Configurator application allows consultation, creation, editing and deletion of MTO intermodal services.

To activate the feature, click on the “Intermodal Service” item:

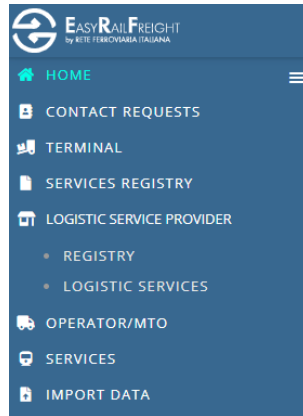



Figure 18: Intermodal Services - Easy Rail Configurator

CONTEXT FILTERS - INTERMODAL SERVICES

To activate the feature, click on the  icon on the left-hand panel of the page. The system presents the Context Filter section.

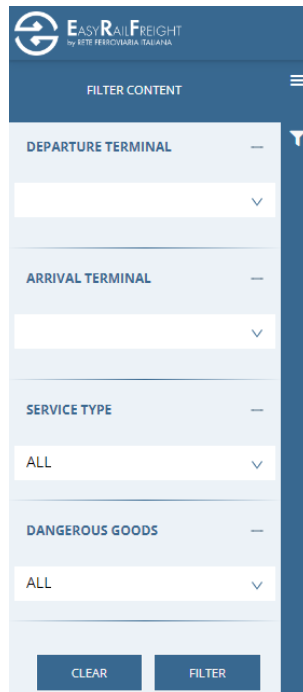



Figure 19: Context Filter Section Intermodal Services - Easy Rail Configurator


The following fields are present:


Departure terminal	Search for service departure location
Arrival terminal	Search for service arrival location
Service type	Drop-down menu with the types of services that are performed: D2D, T2T, ALL
Dangerous goods	Menu indicating the types of goods transported: YES, NO

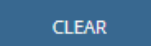
AVAILABLE ACTIONS

The following buttons are present in the section:

 to show one of the filters present

 to hide one of the filters present

 to activate selection whenever necessary (multiple filters combined)

 to clear the filters

Selected filters at this point show the requested intermodal services.



Figure 20: Intermodal Services List - Easy Rail Configurator


INFORMATION FROM THE LIST OF INTERMODAL SERVICES


The following information is given for each item on the list of intermodal services:


OPERATOR	Intermodal service operator
DEPARTURE PLACE	Terminal of departure of the intermodal service
COLLECTION (INDICATIVE)	Approximate day and time of goods collection
DELIVERY (INDICATIVE)	Approximate day and time of goods delivery
ARRIVAL PLACE	Terminal of arrival of the intermodal service

ACTIONS AVAILABLE

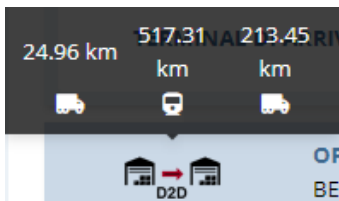
The following buttons are present in the section:

 Button for the creation of new intermodal services

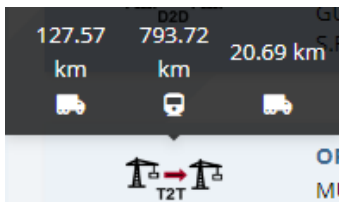
 Button for editing the selected intermodal service

 Button for deleting the selected intermodal service

Selecting a service from those available, it is possible to view the distances that must be traveled to reach the terminal from which the rail service departs:



For Door-to-Door services, the distance that must be traveled by road to reach the terminals is shown



For Terminal-to-Terminal services, the distance is not shown because it represents the terminal starting point

LOGISTICS SERVICE PROVIDER MENU

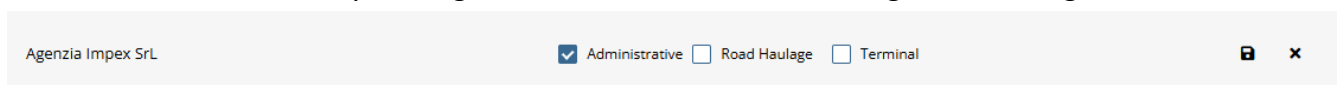
The Logistics Service Provider menu of the Easy Rail Configurator application has two submenus:

- LSP Details, which allows management of the details of the Logistics Service Providers (Terminal Operators, Road Haulage, Administrative) through the creation, modification and deletion of the details and related services provided at the terminals.
- Services, which allows management of the details of the Logistics Service Providers (Website, Email, Phone no., Services offered) through the creation, modification and deletion of the details and related services provided at the terminals.

DELETION/MODIFICATION OF THE LOGISTICS SERVICE



ACTIVATION

The function is activated by clicking the  button located to the right of each logistics service.



AVAILABLE ACTIONS


The following buttons/features are present:

-  Allows the changes to be saved or deletion by deselecting all provider types
-  Allows cancellation of the change to the provider

SERVICES

To select the relevant LSPs, select the content in the respective filter section.

CONTEXT FILTERS - LOGISTICS SERVICE PROVIDER REGISTRY

To activate the feature, click on the  icon on the left-hand panel of the page. The system presents the Context Filter section.

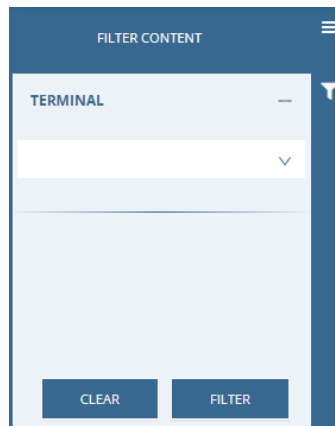


Figure 21: Logistics Service Provider - Context Filter section



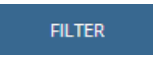
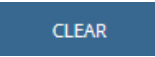
CONTEXT FILTER FIELDS - LOGISTICS SERVICE PROVIDER

The following fields are present:

TERMINAL	Search for the Terminal at which the LSP offers related services
----------	--

AVAILABLE ACTIONS

The following buttons are present in the section:

-  to show one of the filters present
-  to hide one of the filters present
-  to activate selection whenever necessary (multiple filters combined)
-  to clear the filters

Selected filters at this point show the requested logistics service providers.



Figure 22: Logistics Service Provider List - Easy Rail Configuration






INFORMATION FROM THE LIST OF LOGISTICS SERVICE PROVIDERS

The following information is present for each item on the provider list:

NAME	Provider name
TYPE	Provider type: <ul style="list-style-type: none"> • Terminal • Administrative • Road Haulage

ACTIONS AVAILABLE

The following buttons are present in the section:

-  Button for creating new logistics service providers
-  Button for editing the selected provider
-  Button for deleting the selected provider
-  To show more detailed information about the selected provider
-  To hide the information about the selected provider



Selecting the  button on the provider concerned opens a drop-down menu that shows certain contact information and details about the related services.



Figure 23: Logistics service provider information - Easy Rail Configurator

WEBSITE	Provider website
EMAIL	Provider e-mail
PHONE	Provider phone number
SERVICES	Services offered by the provider

Using the  button, you can consult the services performed by the LSP.

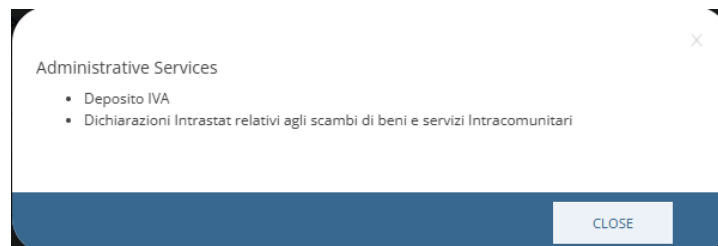



Figure 24: Services performed by the Provider - Easy Rail Configurator

MODIFY LOGISTICS SERVICE PROVIDER

ACTIVATION

The function is activated by clicking the  button present on each terminal already created.

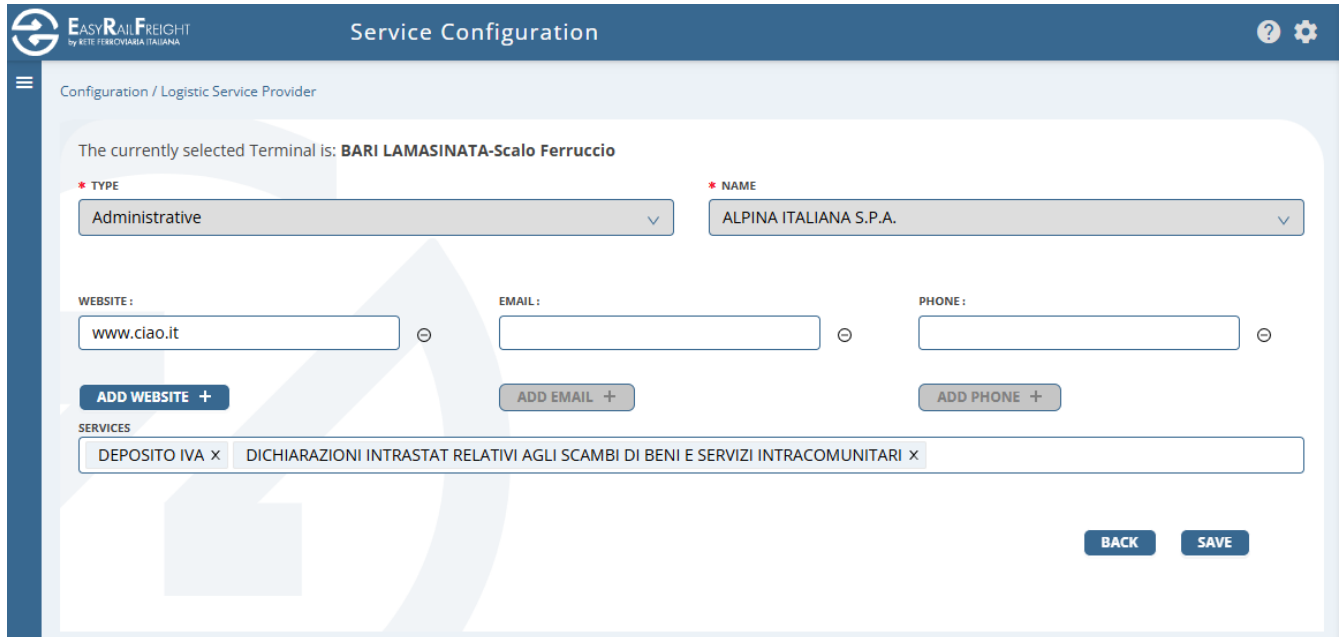


Figure 25: Modify Logistics Service Provider - Easy Rail Configurator

LOGISTICS SERVICE PROVIDER DETAILS

The following fields can be modified:

WEBSITE	Provider website
EMAIL	Provider e-mail
PHONE	Provider phone number
SERVICES	Services performed by the logistics service provider

AVAILABLE ACTIONS

The following buttons/features are present:

ADD WEBSITE +

To add websites

ADD EMAIL +

To add email addresses

ADD PHONE +

To add phone numbers



Allows deletion of web addresses, emails and phone numbers

SAVE

Saves the newly created provider

BACK


Cancels the creation of a new provider

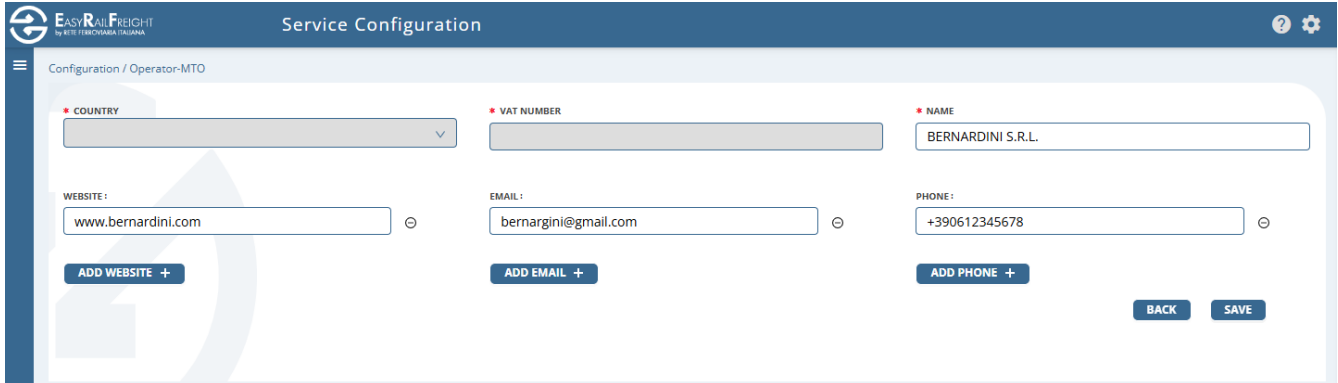
SERVICES

Allows the addition and/or deletion of services performed by the provider

MODIFY OPERATOR/MTO

ACTIVATION

The function is activated by clicking the  button present on each operator/MTO already created.



The screenshot shows the 'Service Configuration' page for 'Operator-MTO'. The form contains the following fields and buttons:

- COUNTRY:** A dropdown menu.
- VAT NUMBER:** A text input field.
- NAME:** A text input field containing 'BERNARDINI S.R.L.'
- WEBSITE:** A text input field containing 'www.bernardini.com' with an 'ADD WEBSITE +' button below it.
- EMAIL:** A text input field containing 'bernardini@gmail.com' with an 'ADD EMAIL +' button below it.
- PHONE:** A text input field containing '+390612345678' with an 'ADD PHONE +' button below it.
- BACK** and **SAVE** buttons are located at the bottom right of the form.

Figure 26: Modify Operator/MTO - Easy Rail Configurator

SERVICE INFORMATION

The following fields can be modified:

WEBSITE	Operator/MTO website
EMAIL	Operator/MTO email
PHONE	Operator/MTO phone number