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## *Federative & Customs Services for supply chain actors*

2023

Innovative and evolutive services  
for Shippers, Freight Forwarders,  
Terminals, MTOs





- Federative Services: list & target
- Federative Services for Freight Forwarders
- Federative Services for Terminals
- Federative Services for MTOs



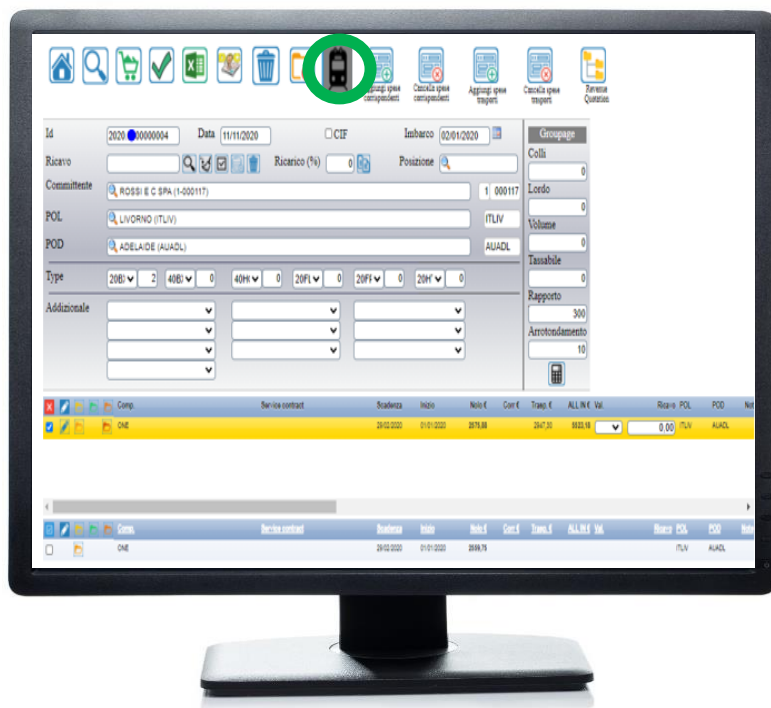
# Federative Services - overview

● Ongoing development

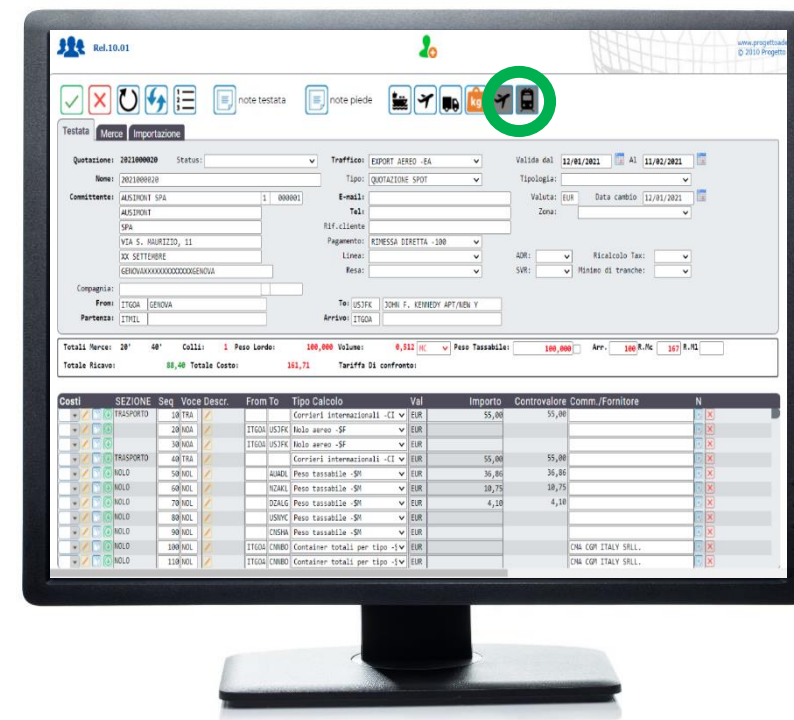
● Available services

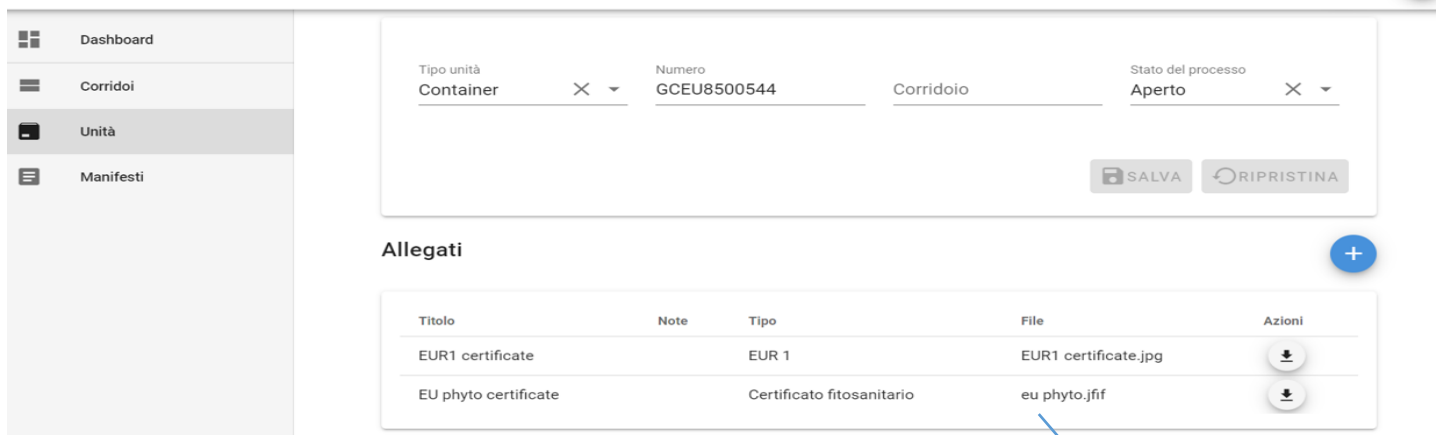
TARGETS			
Shippers 	Multimodal Transport Operators and Rail Companies 	Freight Forwarders and Customs Operators 	Port and Inland Terminals 
FEDERATIVE SERVICES	● Rail Track & Trace	● Edifact / Ediges engine	● Booking regarding intermodal rail transport
	● International Fast & Secure Trade Lane	● International Fast & Secure Trade Lane	● Interchange Notarization
	● Notarisation train wagon LDV		● Notarisation train wagon LDV
	● Asset tracking (IOT)	● Notarization - customs security document (for SUDOCO)	● IOT for terminal gate automation
		● Semantic digital process automation	
	● Rail & Intermodal connector ● Best trucker selection ● Truck last mile & intermodal triangulation		● Green report ● Truck / Rail smart gate ● International Fast & Secure Trade Lane ● Edifact / Ediges engine ● Asset tracking ● H30 / intermodal pre announcement / inland

## MasterSPED - Freight Rate Federative Platform



## MasterSPED - Quotation





**Dashboard**

- Corridoi
- Unità
- Manifesti

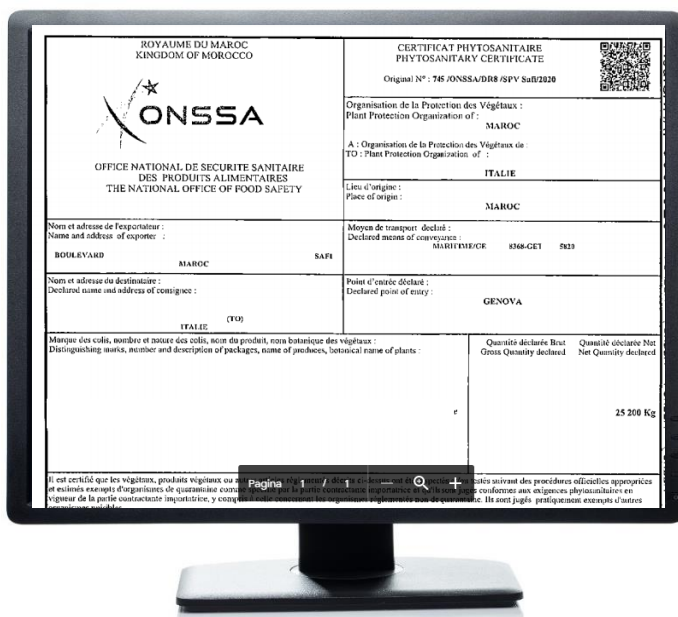
Tipo unità: Container X Numero: GCEU8500544 Corridoio: Stato del processo: Aperto X

**Allegati**

Titolo	Note	Tipo	File	Azioni
EUR1 certificate		EUR 1	EUR1 certificate.jpg	
EU phyto certificate		Certificato fitosanitario	eu phyto.jfif	

*i.e. IFSTL Federative Services  
(FENIX – collab. ADSP MLOr,  
Tarros, ANP)*

*i.e. Phytosanitary Certificate*



ROYAUME DU MAROC  
KINGDOM OF MOROCCO

**ONSSA**  
OFFICE NATIONAL DE SECURITE SANITAIRE  
DES PRODUITS ALIMENTAIRES  
THE NATIONAL OFFICE OF FOOD SAFETY

**CERTIFICAT PHYTOSANITAIRE**  
PHYTOSANITARY CERTIFICATE  
Original N°: 746 /ONSSA/D88 /SPV Sub/2020

Organisation de la Protection des Végétaux : MAROC  
Plant Protection Organization of : MAROC

A : Organisation de la Protection des Végétaux de TO : Plant Protection Organization of : ITALIE

Lieu d'origine : MAROC  
Place of origin : MAROC

Moyen de transport déclaré : MARIENNECE 8268-GET 5023  
Declared means of conveyance : MARIENNECE 8268-GET 5023

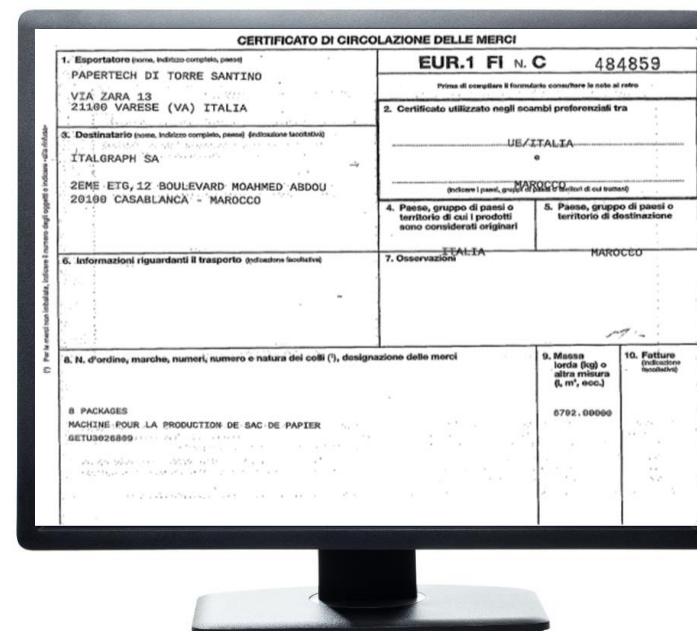
Point d'entrée déclaré : GENOVA  
Declared point of entry : GENOVA

Manque des colis, nombre et nature des colis, nom du produit, n° de botanique des végétaux :  
Distinguishing marks, number and description of packages, name of products, botanical name of plants : 25 200 Kg

**Data Extracted with Cogito Intelligence Platform**

- Goods description
- Certificate number
- Country of destination
- Receiver
- Sender
- Net Weight
- Country of origin
- Entry Customs Office

*i.e. EUR1 Certificate*



**CERTIFICATO DI CIRCOLAZIONE DELLE MERCI**

1. Esportatore (nome, indirizzo completo, paese)  
PAPERTECH DI TORRE SANTINO  
VIA ZARA 13  
21100 VARESE (VA) ITALIA

2. Certificato utilizzato negli scambi preferenziali tra  
UE/ITALIA  
e  
MAROCCO

3. Destinataria (nome, indirizzo completo, paese) (Indicazione facoltativa)  
ITALGRAPH SA  
ZEME ETG, 12 BOULEVARD MOAHMED ABDOU  
20100 CASABLANCA - MAROCCO

4. Paese, gruppo di paesi o territorio di cui i prodotti sono considerati originari  
ITALIA

5. Paese, gruppo di paesi o territorio di destinazione  
MAROCCO

6. Informazioni riguardanti il trasporto (Indicazione facoltativa)

7. Osservazioni

8. N. d'ordine, marchio, numeri, numero e natura dei colli (1), designazione delle merci  
8 PACKAGES  
MACHINE POUR LA PRODUCTION DE SAC DE PAPIER  
8ETU3026899

9. Massa lorda (kg) o altra misura (l, m³, ecc.)  
6702,00000

10. Fatture (Indicazione facoltativa)

**Data Extracted with Cogito Intelligence Platform**

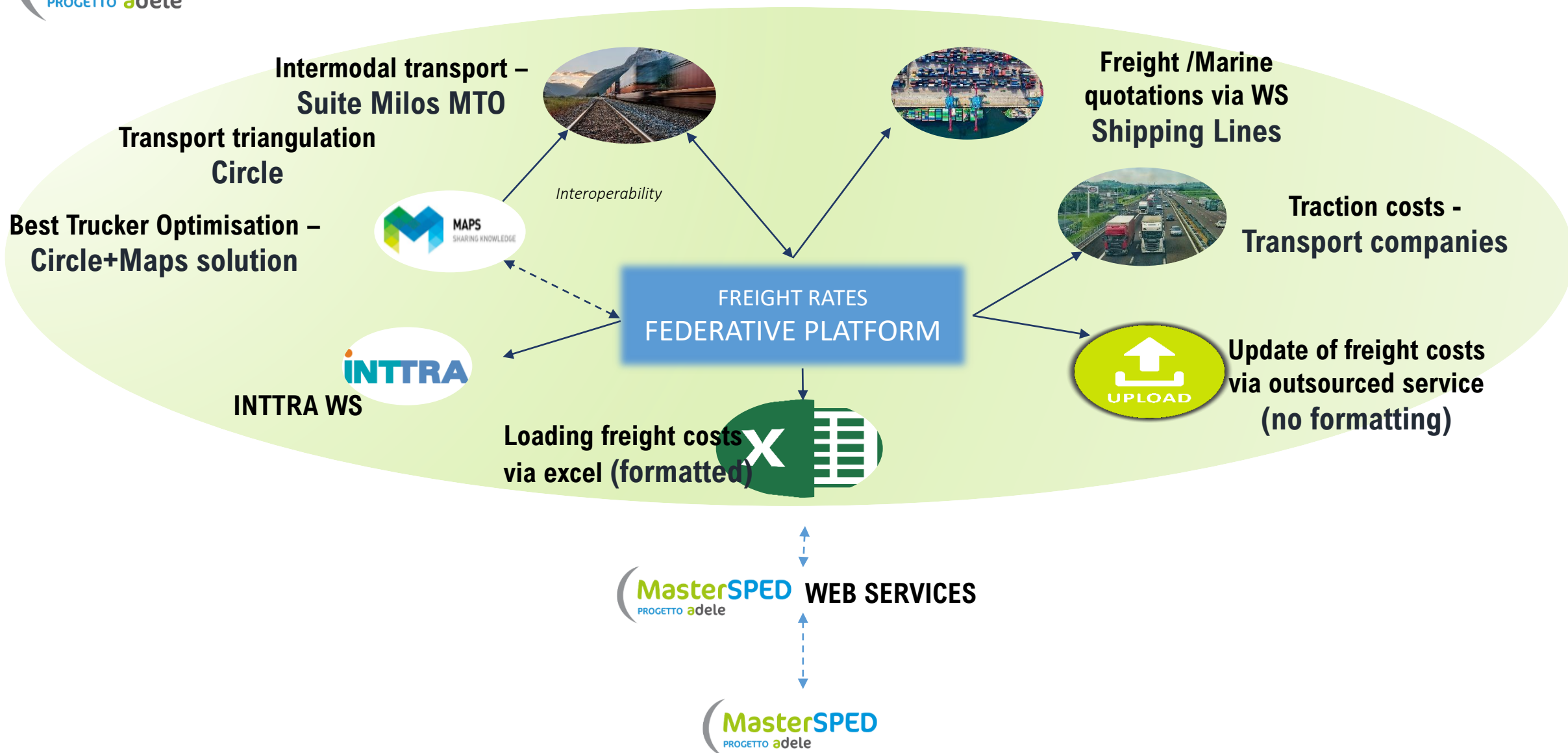
- Goods description
- Certificate number
- Country of destination
- Receiver
- Invoice number
- EUR1 number
- Net Weight
- Sender
- Country of origin
- Entry Customs Office

# 1

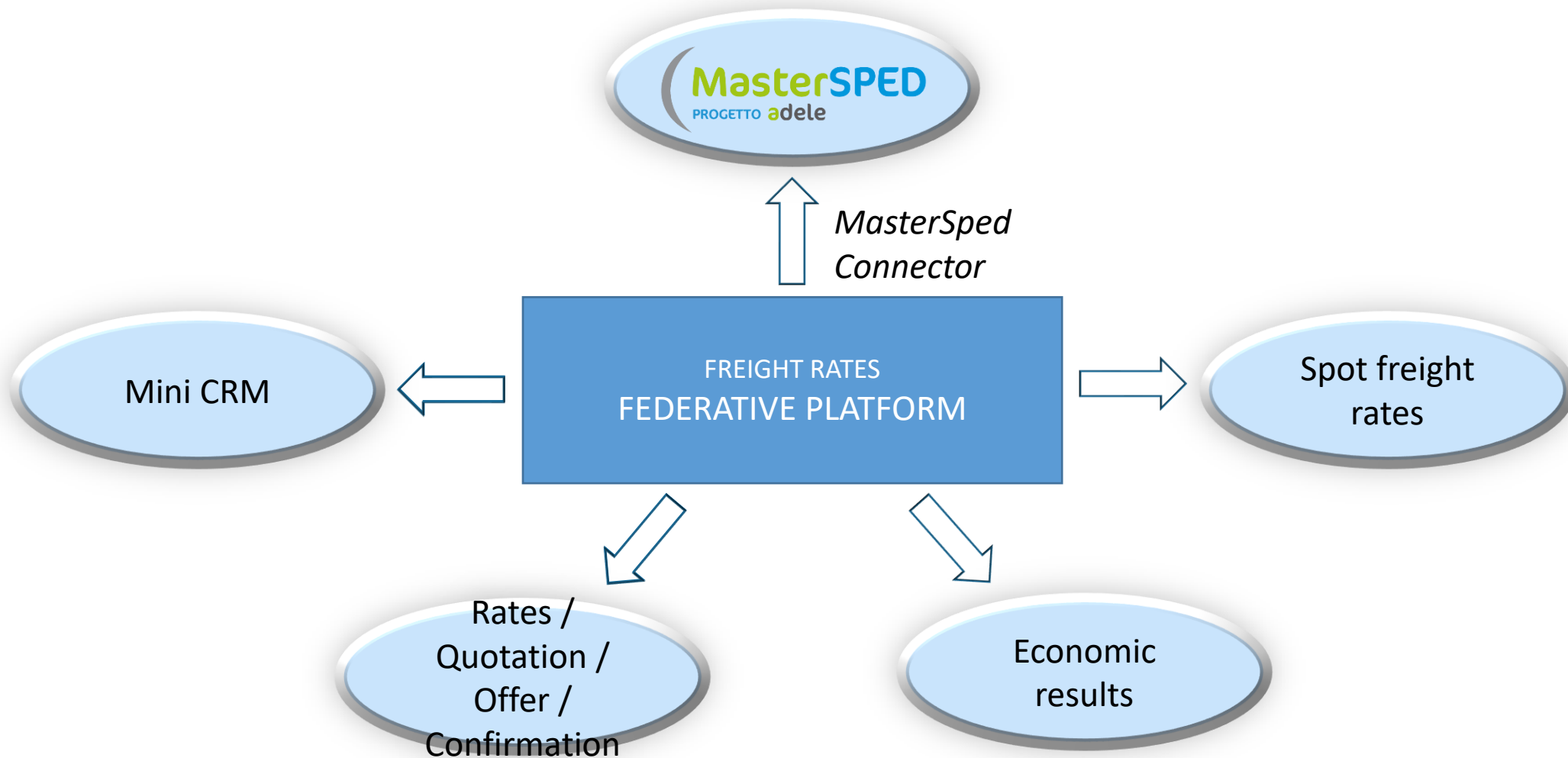
## Federative Services for Freight Forwarders

- Rail & Intermodal Connector
- Best Trucker Selection
- Truck last mile & Intermodal triangulation
- Booking regarding Intermodal/Rail transport
- Semantic digital process automation
- «Notarization» «customs/security document for SUDOCO»

## Rates Management / Quotation tool: interoperability & connections



## Rates Management / Quotation tool: main functionalities

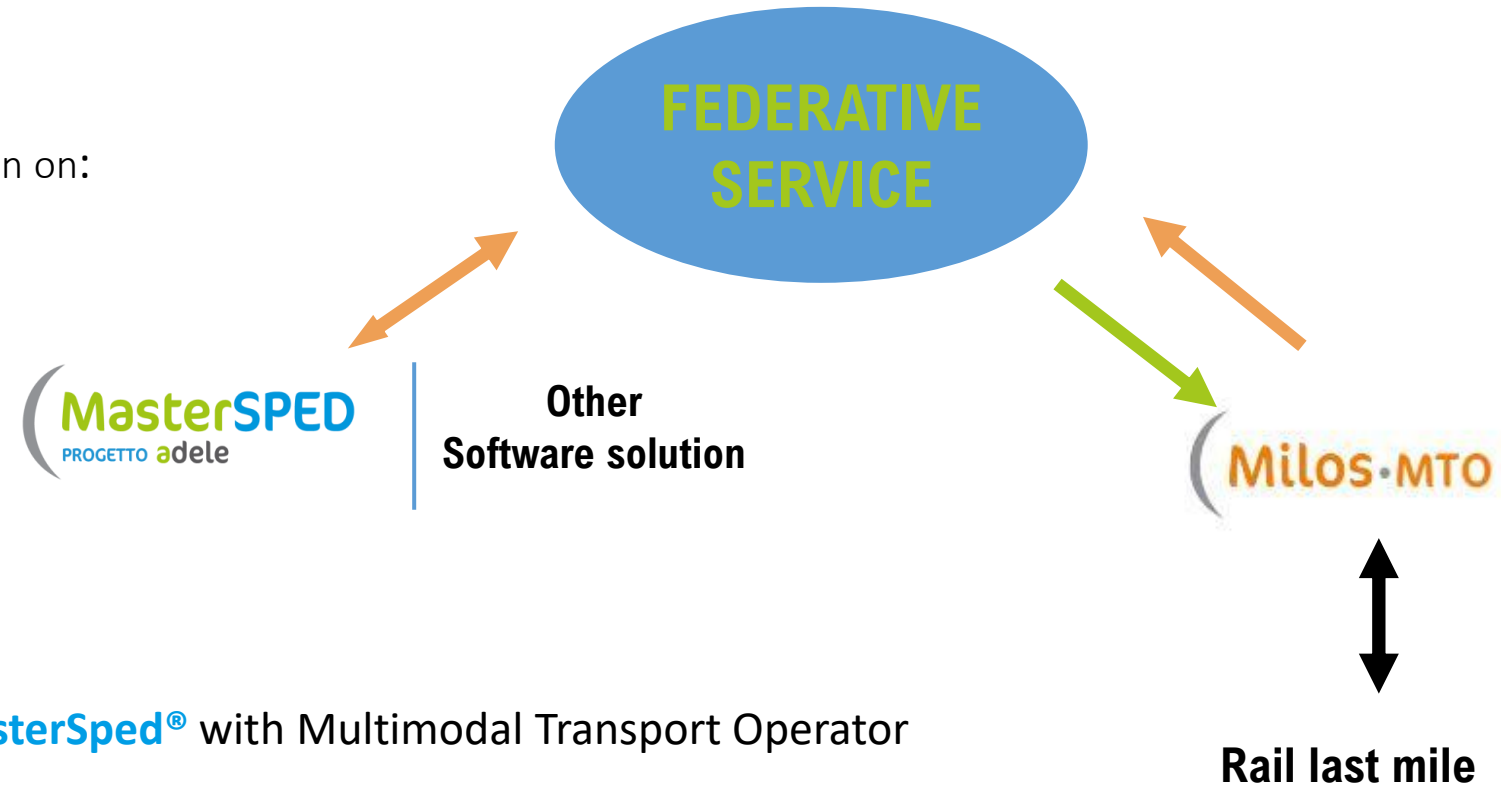




Thanks to **Federative Service**

**MasterSped®** receives from **Milos® MTO** information on:

- a. Train availability
- b. Space availability
- c. Booking opportunity



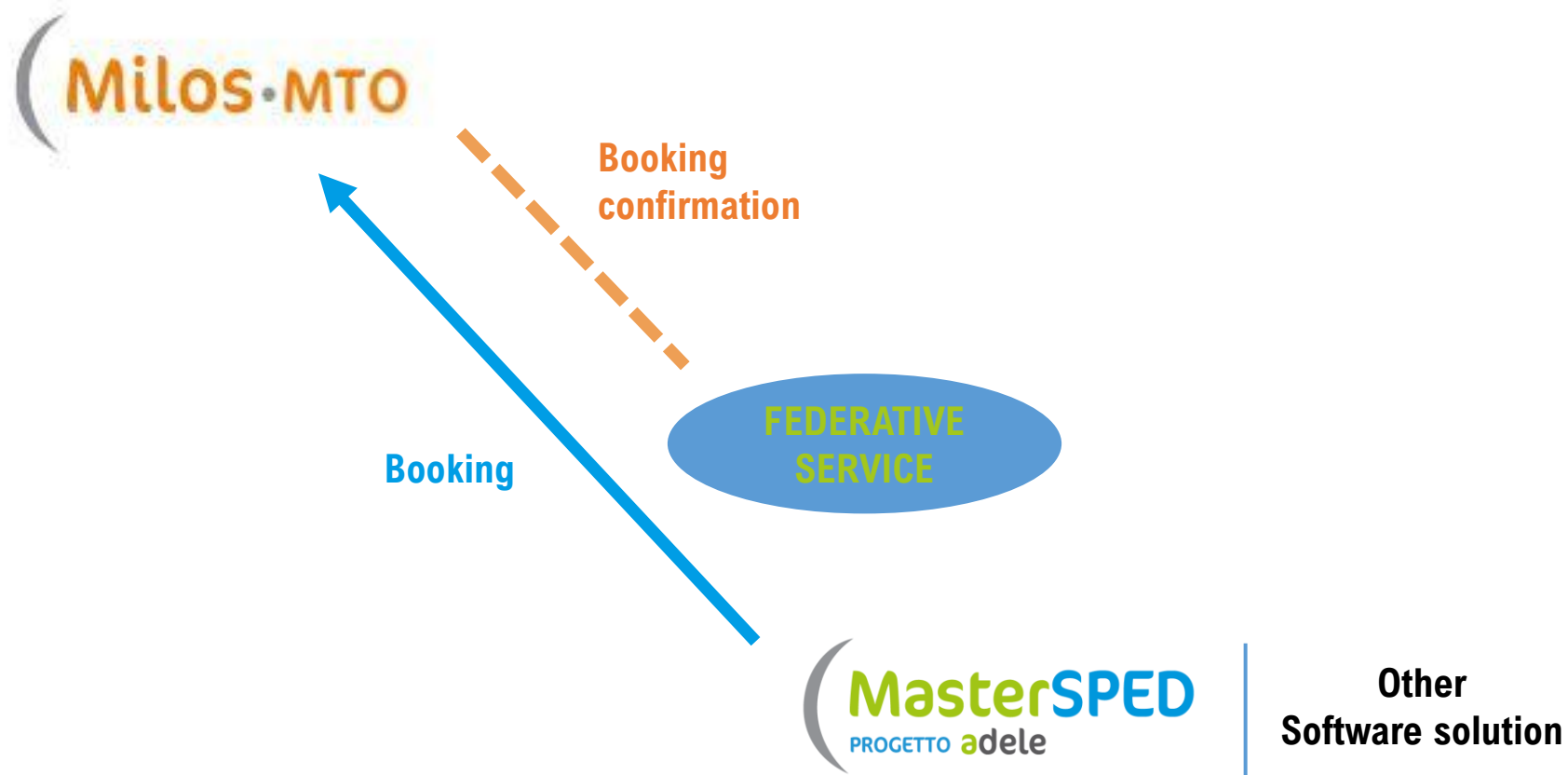
The **Federative Service** directly get in contact **MasterSped®** with Multimodal Transport Operator

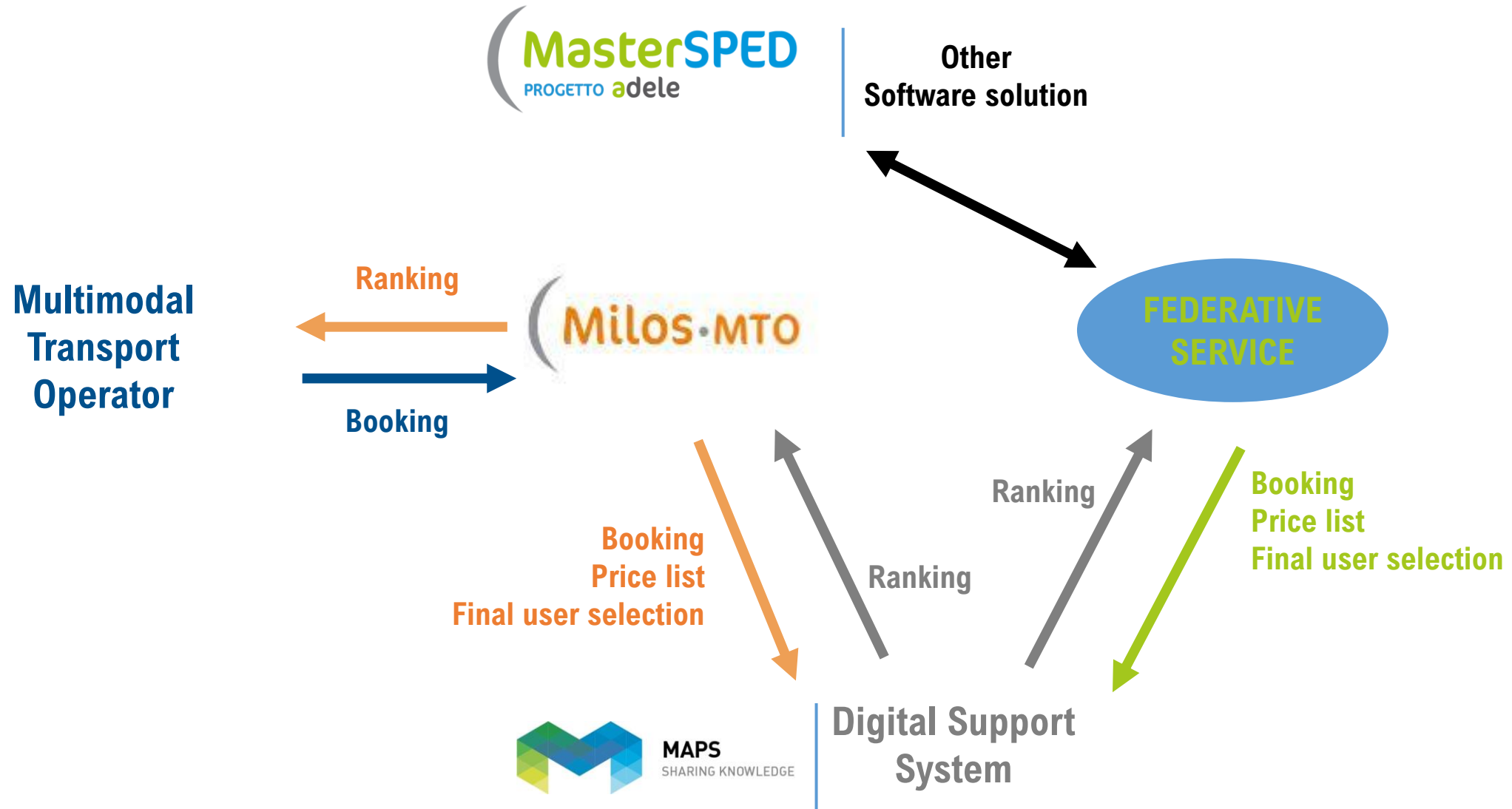
- d. for Pricing information

**Milos® MTO** can dialogue with **Rail last mile** pratforms

# Booking regarding Intermodal/Rail transport

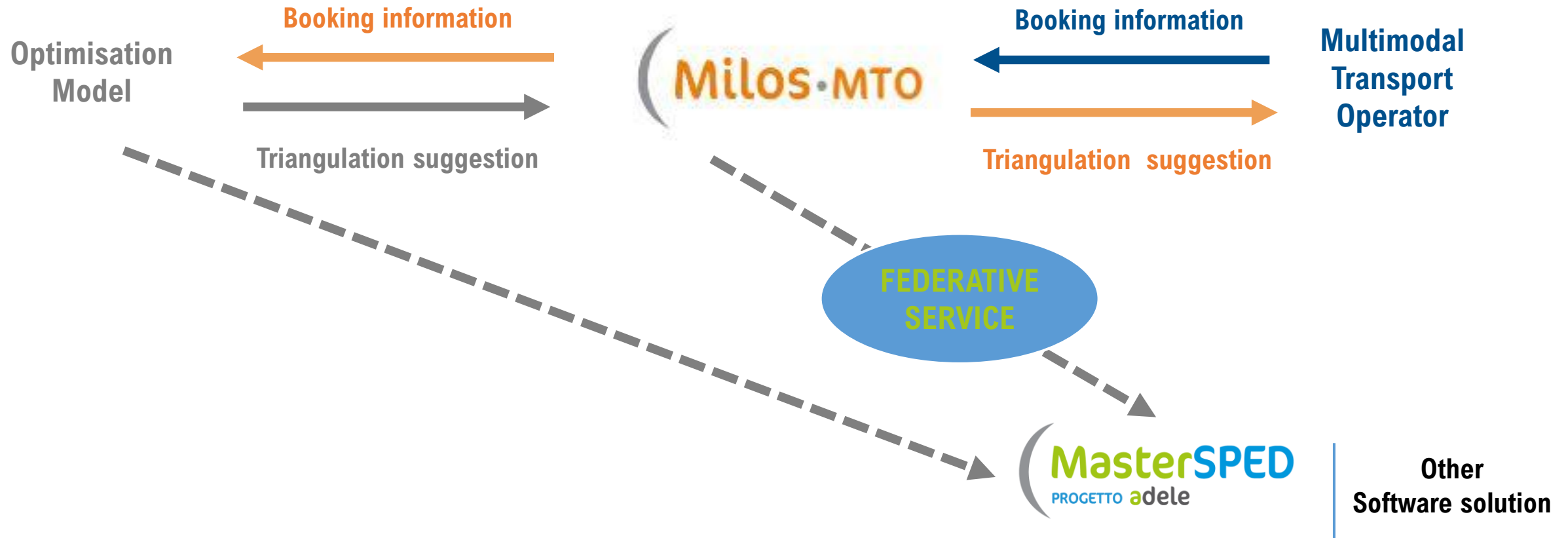
In case of an existing Framework Agreement with a specific Multimodal Transport Operator, the **Federative Service** allows **MasterSped®** (or other software solution) to start booking procedures and receive confirmations.

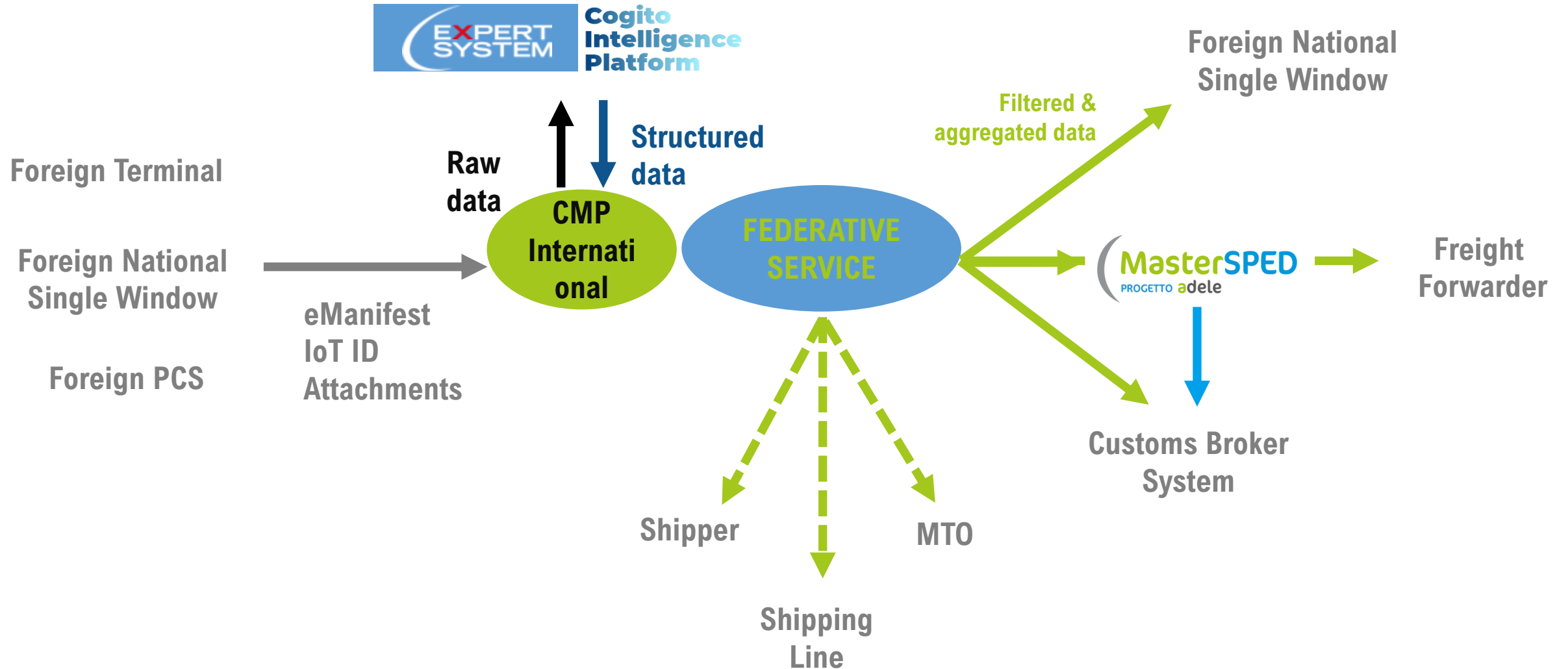




# Truck last mile & Intermodal triangulation

Thanks to an Optimisation Model, **Milos® MTO** communicates to **MasterSped®** (or other software solution) through **Federative Service** the **best truck optimization solution** according to an intermodal need.





# «Notarization» «customs/security document for SUDOCO»



## Goal:

Notarization in Blockchain of documents "waybill", "interchange", "customs documents for SUDOCO".

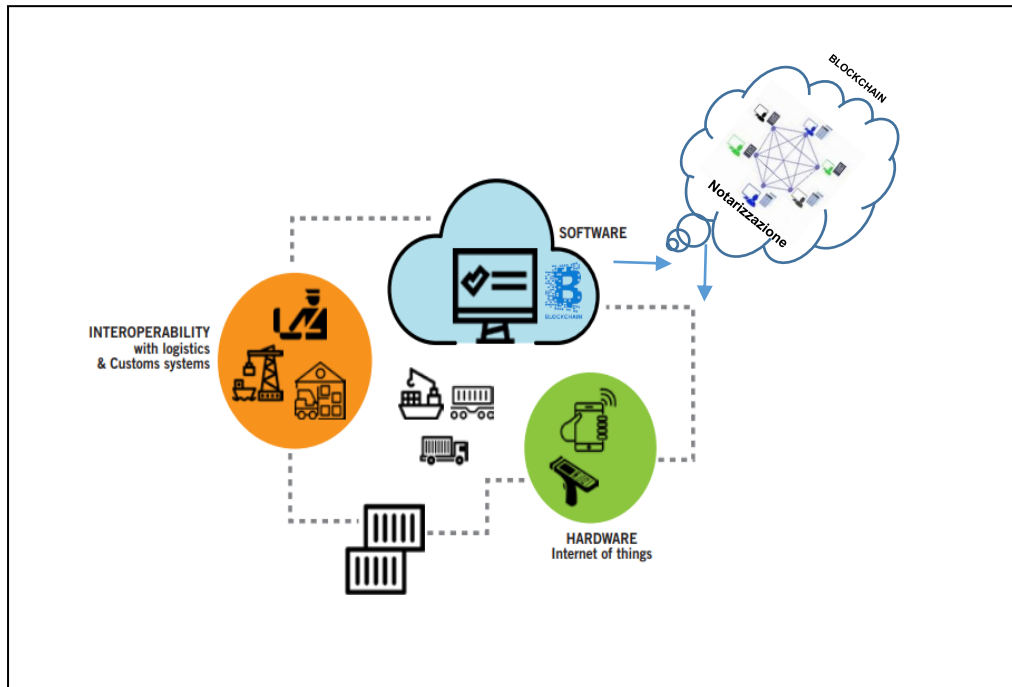
## Technical perimeter:

Web-services interview between management platform and notarization Digital Platform

## Next steps:

Pilot project is currently underway with two primary clients and two other pilot projects are underway

## “Blockchain” for notarization



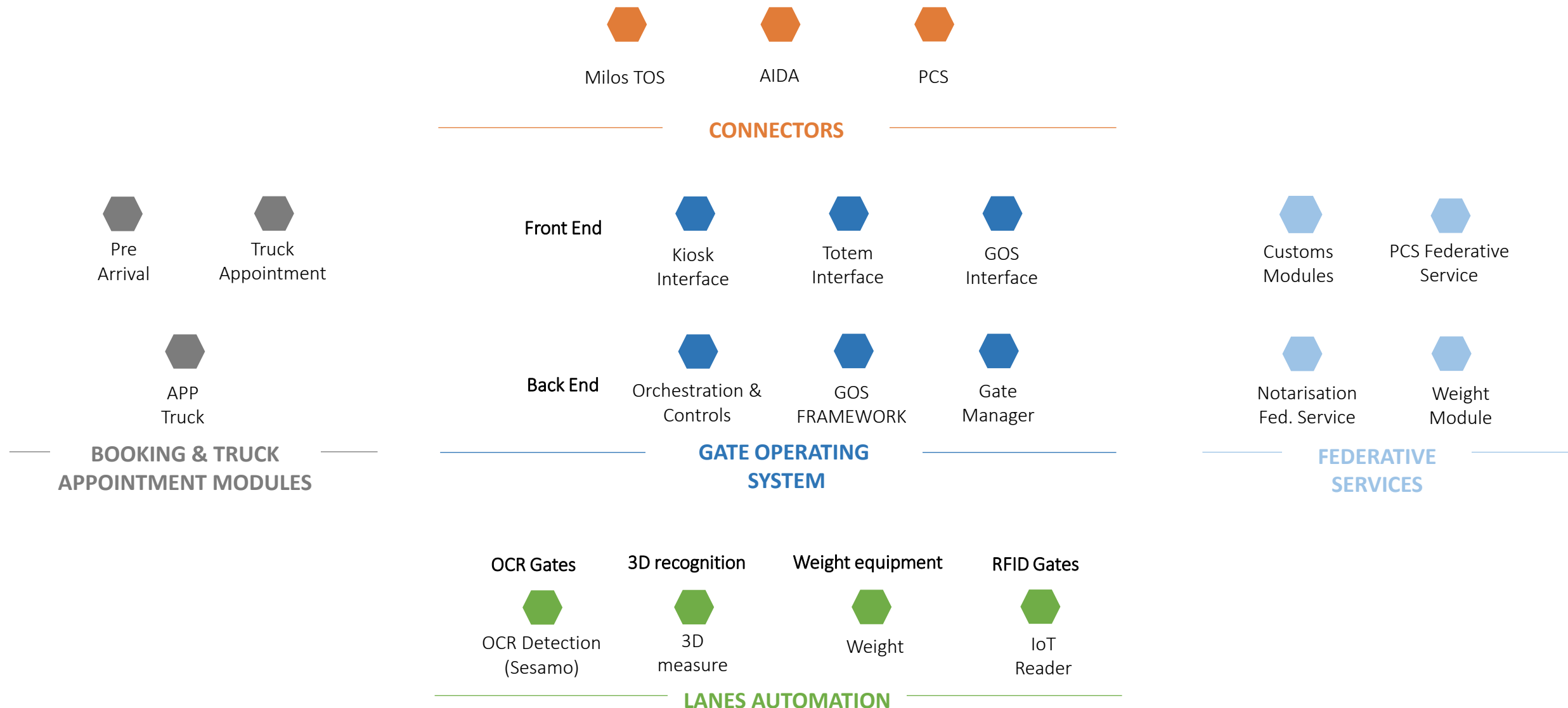
Supply chain actors



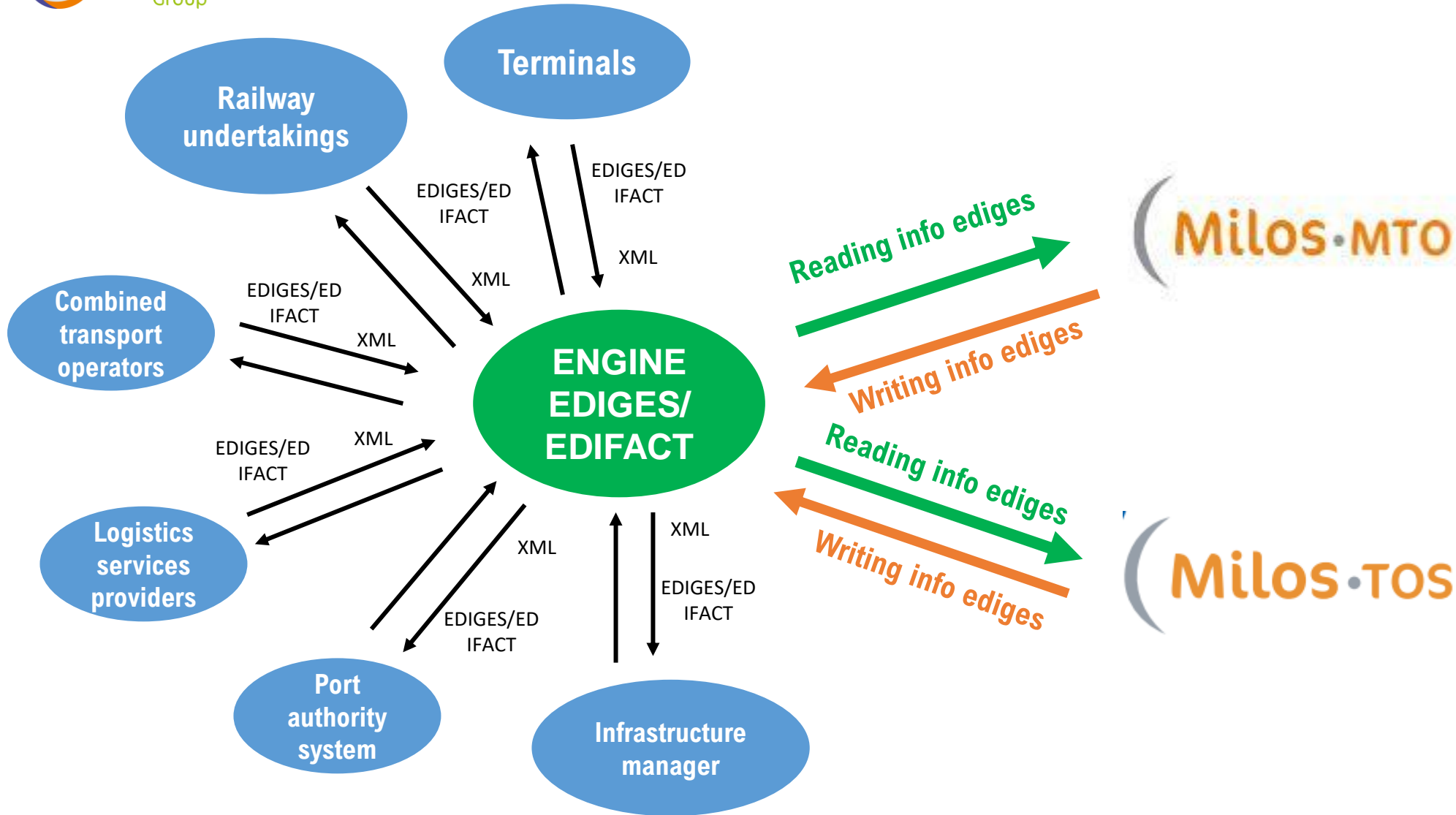
Freight forwarders

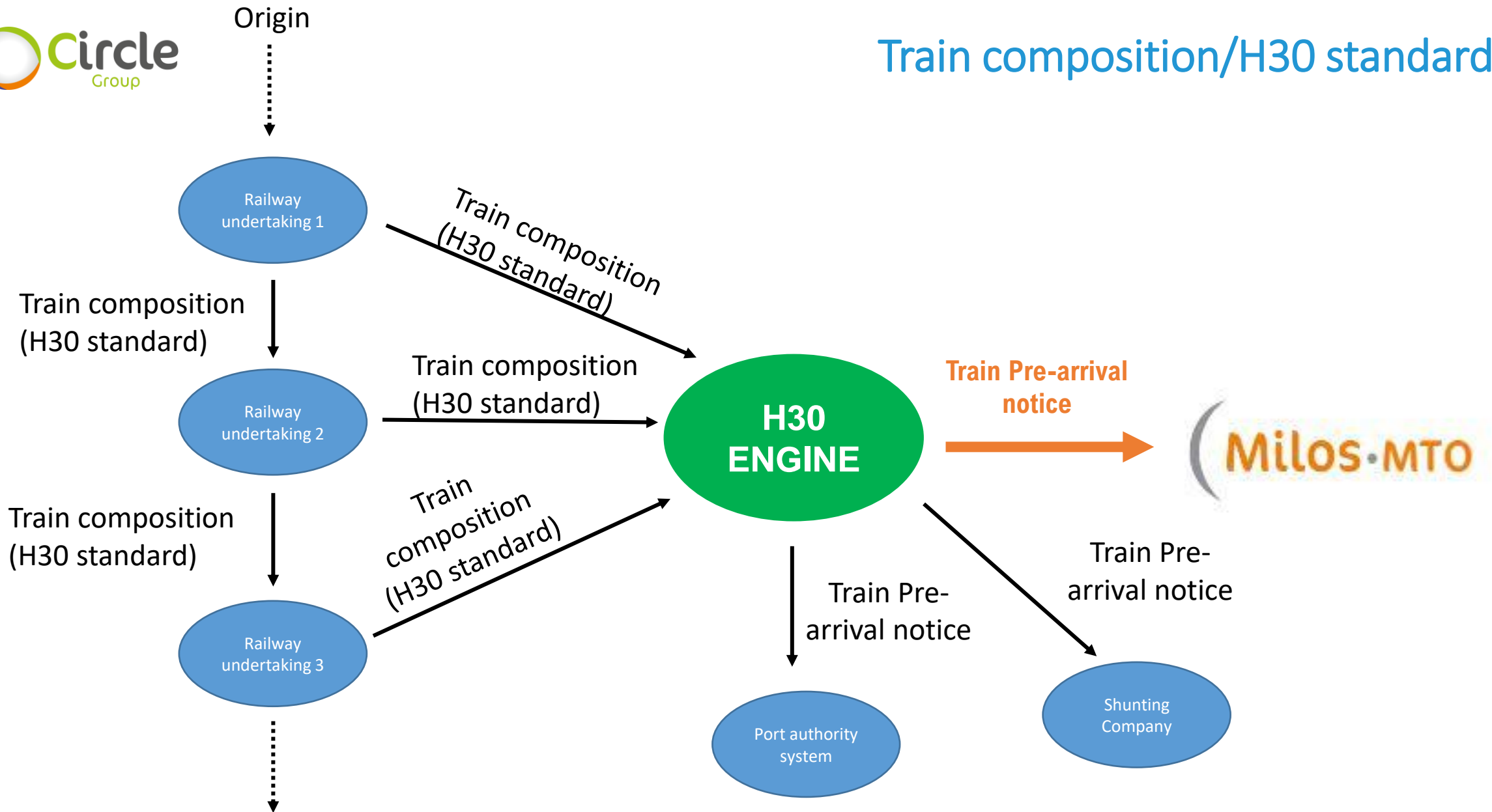
Nodes (terminal/port/inland)











# 2

## Federative Services for Terminals



## Goal:

Notarization in Blockchain of documents "waybill", "interchange", "customs documents for SUDOCO".

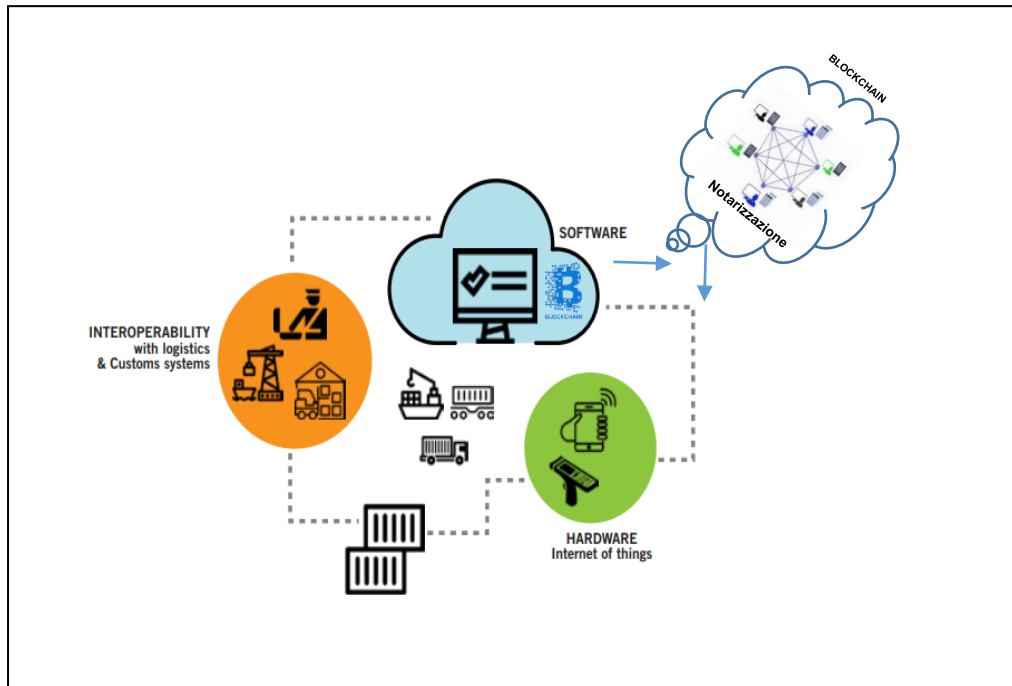
## Technical perimeter:

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## Next steps:

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## “Blockchain” for notarization

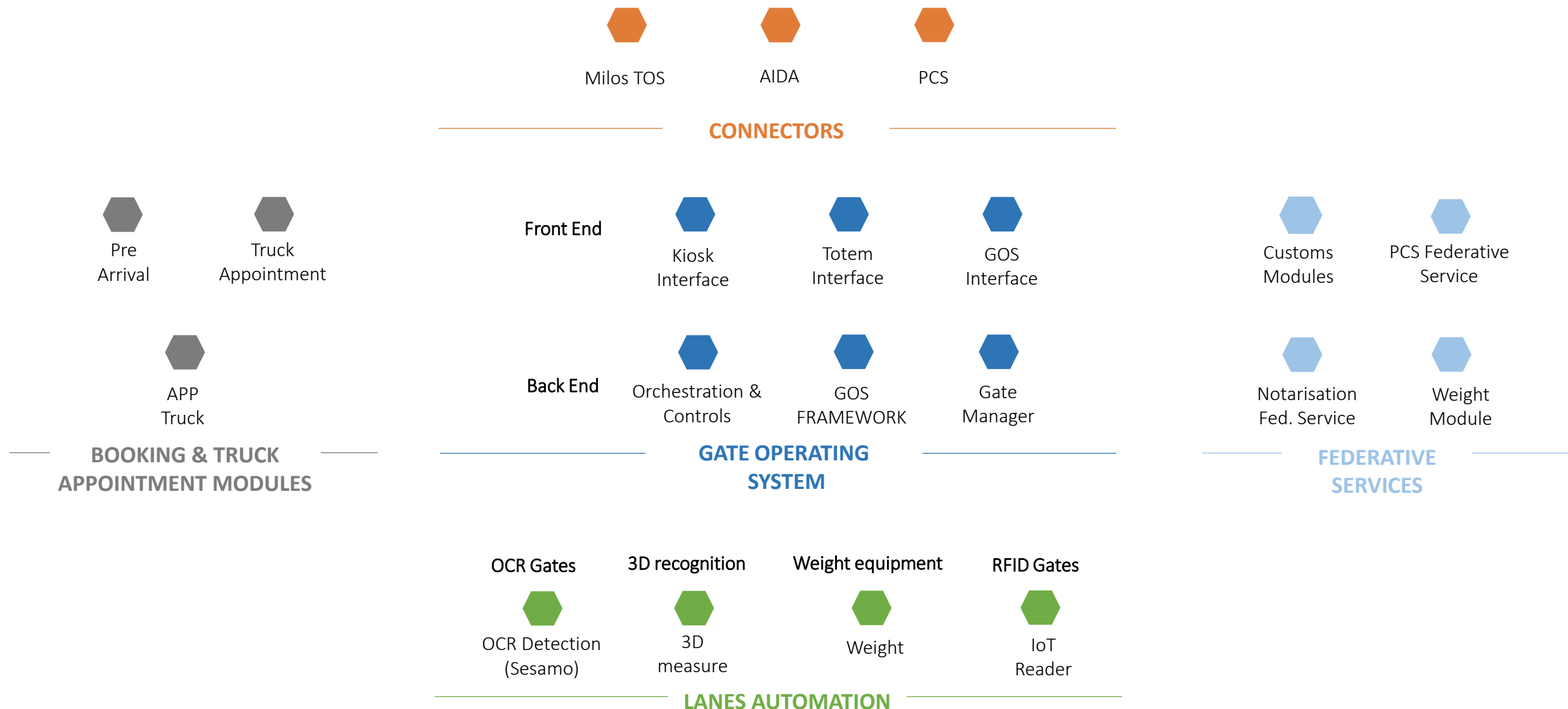


Supply chain actors

FEDERATIVE  
SERVICE

Freight forwarders

Nodes (terminal/port/inland)



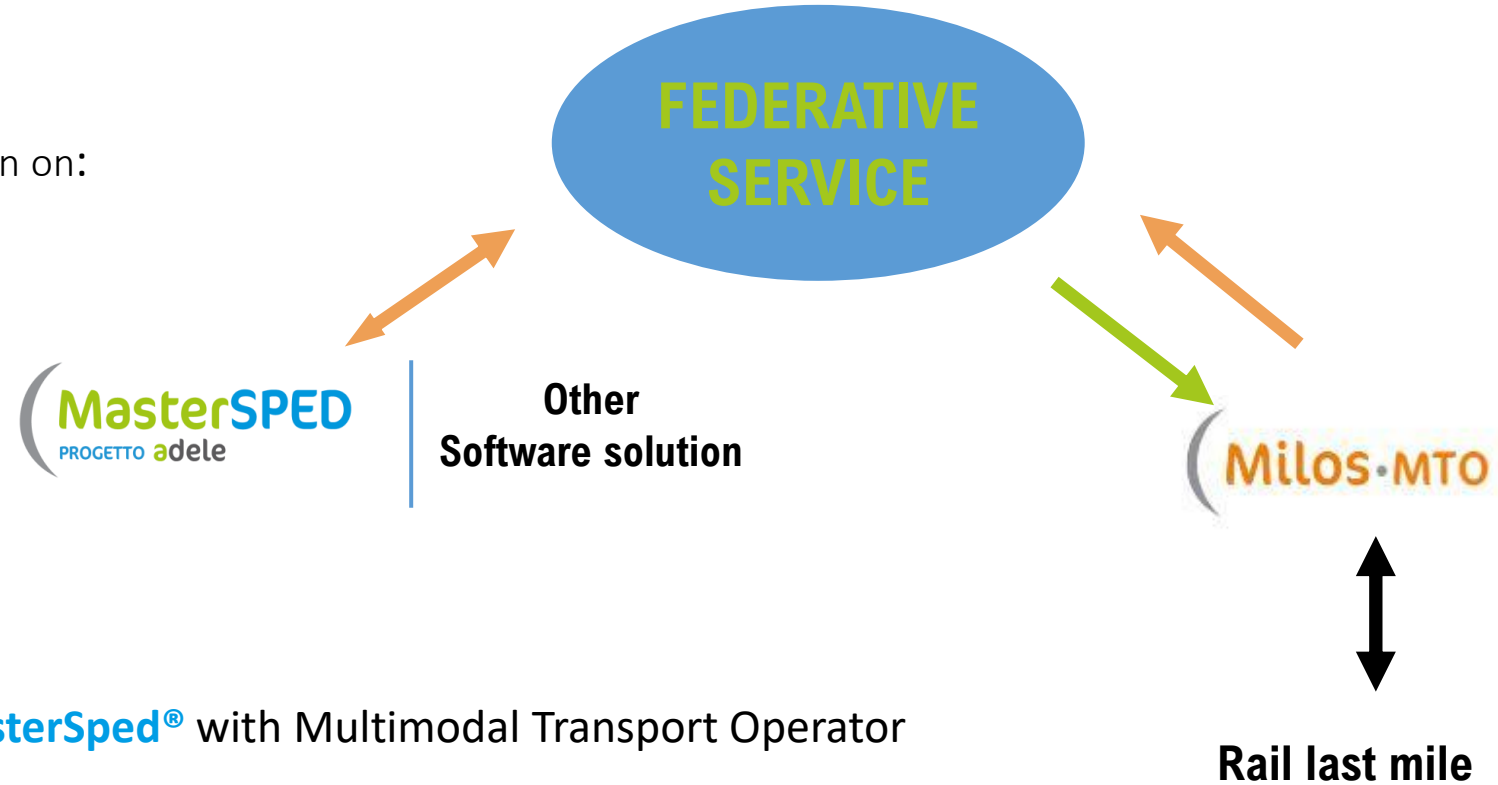
# 3

## Federative Services for MTOs

Thanks to **Federative Service**

**MasterSped®** receives from **Milos® MTO** information on:

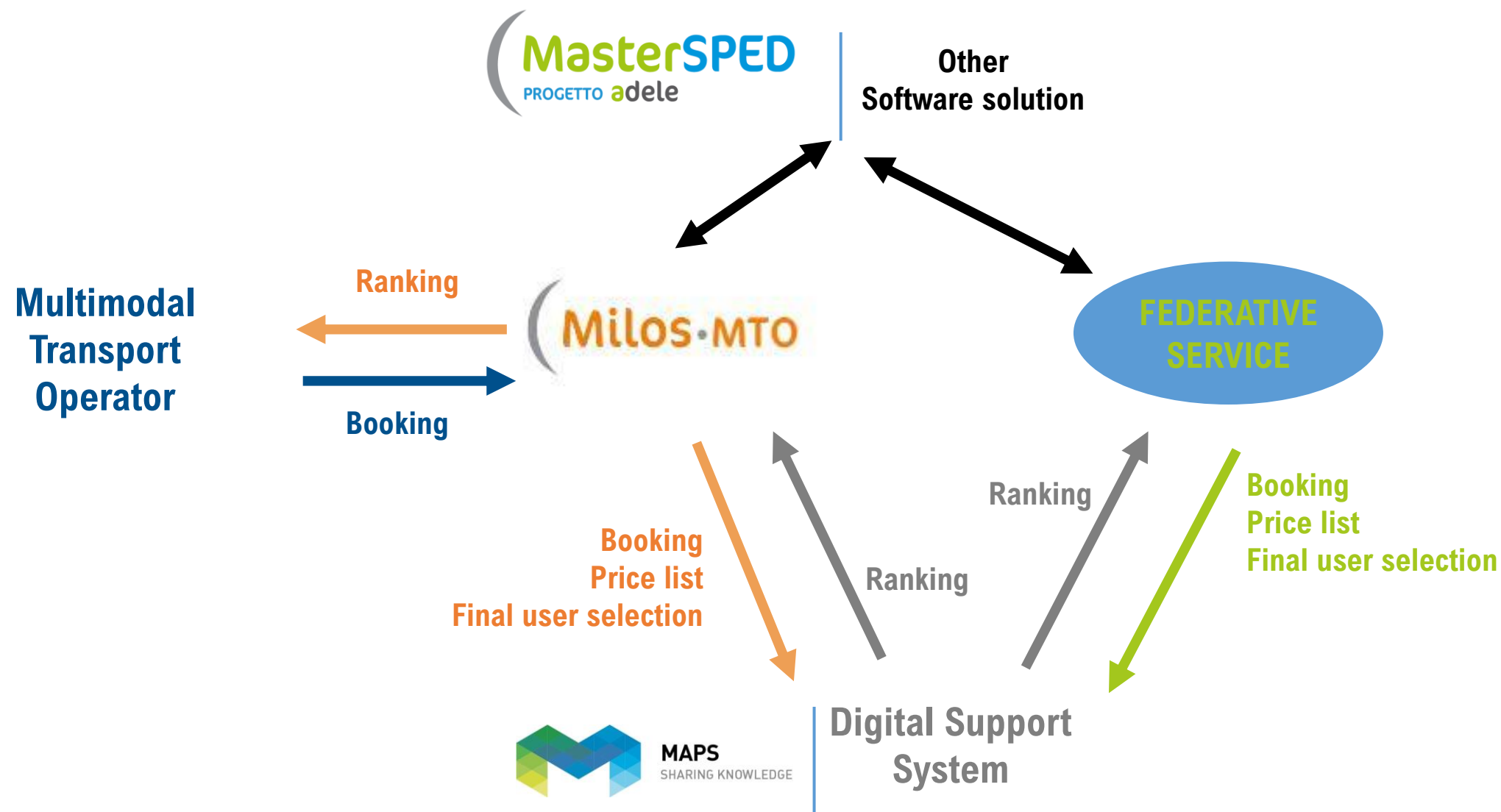
- a. Train availability
- b. Space availability
- c. Booking opportunity



The **Federative Service** directly get in contact **MasterSped®** with Multimodal Transport Operator

- d. for Pricing information

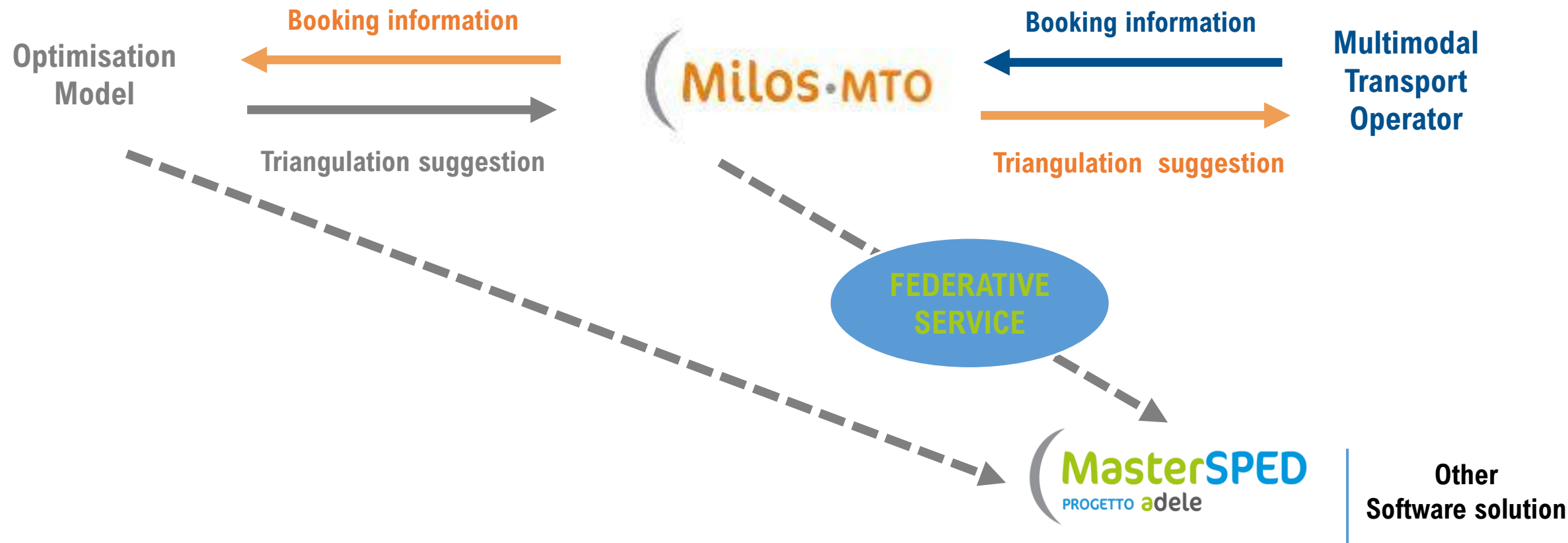
**Milos® MTO** can dialogue with **Rail last mile** pratforms





# Truck last mile & Intermodal triangulation

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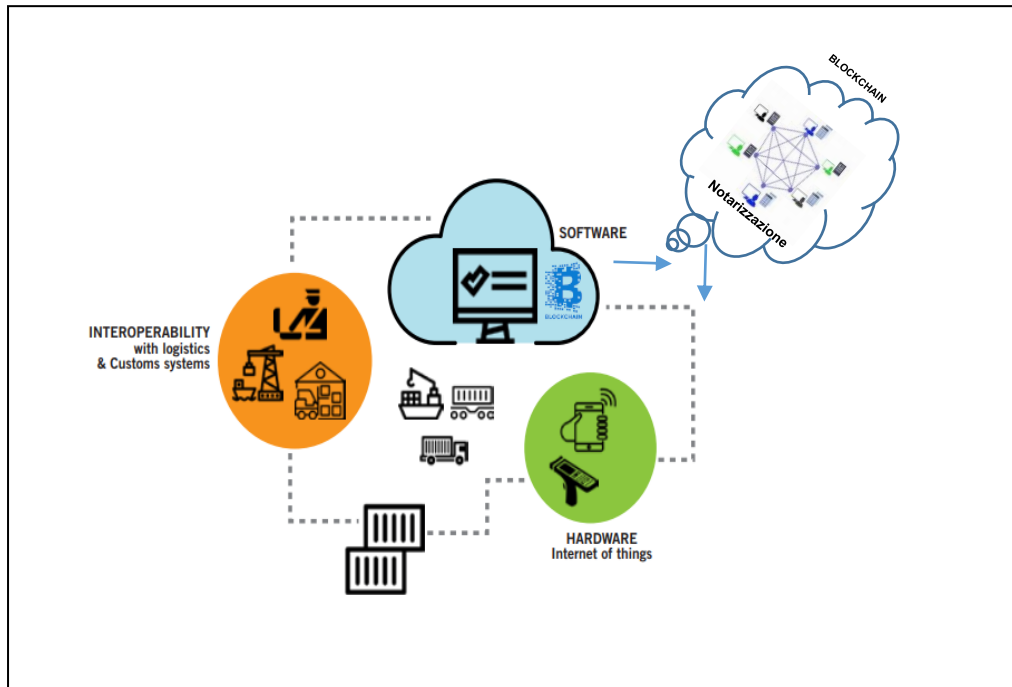
## Technical perimeter:

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## Next steps:

Pilot project is currently underway with two primary clients and two other pilot projects are underway

## “Blockchain” for notarization



Supply chain actors



Freight forwarders

Nodes (terminal/port/inland)

# Mappa contatti

## Genoa

Piazza Borgo Pila 40 (Torre A  
interno 46), 16129 Genova -  
ITALIA

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[info@progettoadele.net](mailto:info@progettoadele.net)

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34121 Trieste - ITALIA

[web@info-era.com](mailto:web@info-era.com)

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## Ankara

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# *Thank you*

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Luca Abatello

*Ceo*



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labatello



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