Shared parcel locker network by Blockchain smart contracts

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Developed by :

ogel PROXIMITY

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ITL ISTITUTO sui TRASPORTI e la LOGISTICA

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DUE TORRI Logistics Partner

Project by :

URBANE

SHARED NETWORK OF PARCEL LOCKERS & MICRO-HUBS

Urban logistics / Last mile

Collaborative processes, connectivity and data

URBANE

Solution description

Shared parcel locker network can connect all parcel lockers to enable use by various operators

GEL Proximity is a service that allows service providers to make deliveries and returns to Pick-up Points. Likewise, it allows the Networks and possibly also the eCommerce businesses themselves to make their Pick-up Points available and manage the operational flows that a Network of Pick-up Points needs.

The GEL Proximity platform allows integration via dedicated libraries and APIs that can be used by any IT system without limitations. The purpose of GEL Proximity is to make integration with different Pick-up Point Networks simple and unified, internally managing all the complexities of standardizing heterogeneous data and exposing unique and scalable integration methods.

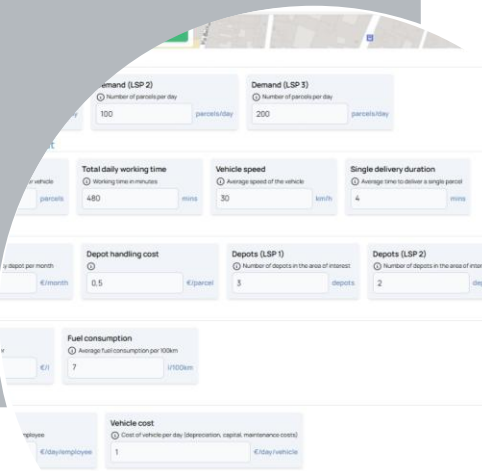
Benefits

- Automations: The GEL Proximity platform is designed to manage a high number of transaction volumes efficiently.
- Importing shipments and returns: The GEL Proximity system records all requests for confirmation of new shipping or return orders that are made by each Merchant.
- Smart contract to ensure data security: Block-chain enabled smart contracts to protect privacy and commercial interests

Main beneficiaries:

- E-commerce providers
- Logistics service providers
- Operators and owners of parcel lockers, pick-up points and micro-hubs

Smart contract to serve as Proof of Delivery:



Technology readiness level : *6*

Implementation stage : ***Pilot***

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Block-chain enabled smart contract

- All actors have visibility and can access information during and after the shipment process to have steps certified (according to respective needs).
- The focus of the smart contracts is to improve visibility of the Supply Chain for operators and by this manner enhance their collaboration.

Join us to share your assets or explore parcel lockers networks in all European countries

Check the project website:

www.urbane-horizoneurope.eu

Would you like to know more? Take contact :

https://gelproximity.com/en/contacts/

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