

Digital Industry TUIT



STARTUP CREATION: TUIT (ITALY)

PARTNERS: SIS srl (Italy), DocSpace srl (Italy), Fundacion Valenciaport (Spain), Infoport (Spain), TIM (Italy)

TUIT



Digital Transformation of Ports: Smart and efficient Truck Fleets

TUIT digitalizes the procedure required to transport containers to/from logistic nodes with specific reference to port operations and road transport. TUIT offers truck fleet a simple and efficient Web-based interface to Port Community Systems.

Ports typically rely on the so called Port Community Systems (PCS) that manage operations, trace/track containers, handle transactions, and monitor port status. The different types of port operators, e.g., freight forwarders, container terminal management companies and truck management companies, need personalized access to PCS services.

TUIT addresses the Truck Fleet market. More specifically it attacks such a market by providing 1. the adaptation of the services provided by the PCS to the services needed by truck operators, and 2. the exposition of a common software interface that hides the differences among the PCSs of the different ports.



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Competitive Advantages

- TUIT addresses port business and digital transformation by integrating truck fleet information systems in Port Community Systems.
- TUIT was created in Genoa by the same group that operates the Port Community System, by one of the largest truck fleet company associations and by the software platform research group of the University of Genoa. It leverages a long standing presence in one of the largest port of the Mediterranean sea, a deep connection with the Truck Fleet Management company market, and the attitude to advanced research projects. These three elements make the envisage solution unique.

Target Markets

- Type of customers: Truck Fleet Management Companies
- Markets: Italy, to start.

Status/ Traction

- A preliminary version of the system is in operation. It includes the main functionalities identified with customers, including truck fleet companies and Port Community System operators in the port of Genoa. Currently about ten Proofs of Concept are active.

Road Map

- In the second half of 2021 Tuit expects to complete the first release of the platform and to attract a first set of paying customers. The results deriving from the investigation of Blockchain technology will be integrated in the platform around the end of the year to come up with a blockchain-based tracing/tracking platforms for Road Transport

Leveraged Technologies

- Blockchain, Distributed Systems, Spring, Angular, REST Web Services, Java, C#, Docker Containers, Virtual Machines

Contact



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TUIT

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EIT Digital supports entrepreneurial teams from research and business organisations in launching new startups and new products in agile 12-month projects called innovation activities. These activities are embedded in EIT Digital's European ecosystem and receive a financial co-investment to package their technology, sign up customers and attract investors.