

DcOT - Digital Chain of Trust **Digital Infrastructure**



A distributed Blockchain solution to securely store records

DcOT is a multi-tenant/multi-purpose Blockchain-based service for securely storing of records. Logistics will be the first vertical application.

DcOT is a multi-tenant/multi-purpose Blockchain-based service allowing secure storage of notarised events and records. The first application is for logistics, providing a solution for tracking and tracing of the parcels in the delivery process. The solution records each event in the delivery process and allows selective access to the information stored in the chain based on the user profile (e.g. sorting centre operator, office clerk operator, delivery man, etc.).

These features will enhance information security for logistic operators and stakeholders, while improving reliability and privacy protection towards end-users.



Competitive Advantages

For logistics companies

- Possibility to record and store events related to the delivery chain
- Improved security and reliability of the tracking system
- Selective access to data and information according to the user profile
- Improved security, reliability and privacy protection towards end-users.

For customers

- Improved security of the delivery process
- Improved privacy of data and information of both the sender and the receiver.

For customs

- Non-repudiable information reported in the chain
- Unambiguous identification of the subject involved in and responsible for each step of the delivery process.



Target Markets

- Logistics operators (with focus on track and tracing needs)
- The solution addresses the EU market.



Status and Traction

- Internal pilots in the Logistic sector conducted by Poste Italiane in order to verify the security performance of the solution respect to standard/not-blockchain based track and trace solution.



Road Map

2018

- Definition of the functional and non functional requirements of the solution
- Realisation of the DCoT solution in its core functionalities
- Piloting of the solution in the logistic sector
- Realisation of market analysis and pre-marketing networking activities.

2019

- Collection of feedback from first comer clients of the platform
- Optimized product, debugging and improvement of user-experience
- Acquisition of the first commercial client for the DCoT solution
- New features based on clients feedbacks and perceived needs
- Upgrading of the solution to ensure scalability of the network of nodes
- Assessment of other application domains and design of the business model to address other sectors.



Connect



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