DL-Tags

Grant agreement 688061

Report on dissemination activities

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Document history

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Section 1 - Introduction

This deliverable reports dissemination activities within DL-Tags project. The project was presented during IoT Week 2018 conference held in Bilbao. A short video is in preparation at the time of writing this report showcasing the deployed use case. A scientific report is in preparation as well and planned to be submitted to IEEE Access journal until the end of December.

Section 2 - IoT week 2018 in Bilbao

IoT Week conference was held in Bilbao from June 4th until June 7th. DL-Tags solution was presented in a form of a roll up poster shown in Figure 1. The poster contains basic information about DL-Tags. The project is described as a *solution for decentralized management of SmartTags metadata*. Privacy-preserving is mentioned as one of its main characteristics. The benefits of the solution are listed: it prevents deployments of phishing TagItSmart websites, SmartTag duplication, and any form of SmartTag corruption. The integration with TagItWine use case is declared, as well as the integration with Magento e-commerce platform.

The roll up poster was set within TagItSmart project booth. The interested visitors were mainly curious about the specific blockchain platform used in the solution (Ethereum) and the possibility to apply the solution to other use cases.

Figure 1 Roll up poster presented at IoT Week 2018

Section 3 - DL-Tags video

The video showcasing DL-Tags solution and the use case deployment is in preparation. It will showcase the lifecycle of a product in our use case (a wine bottle) from a producer, through Magento store provider to the end consumer. All the interactions that each of the stakeholders needs to perform with the DL-Tags system (product creation, adding a new stakeholder, ownership transfer, voting, checking product validity) will be shown.

Section 4 - Journal paper

Journal paper is in preparation that describes the entire DL-Tags solution, from the need to have a decentralized system for management of Smart Tags metadata, the benefits it brings to the TIS ecosystem to the presentation of the system architecture and use case deployment. The evaluation shows cost approximations in ether and USD for invoking DL-Tags-defined methods on top of the Ethereum blockchain.