CELTIC-NEXT
Proposers Day
7th of September 2022, Online via WebEx

Pitch of the Project Proposal

“LOGISTICS_IoT”

USYNCRO
Where you synchronize global trade

Mr. EMILIO MULET
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Goods shipped from an origin to a destination may cross different countries (administrative systems) and different modes of transport (land, sea and air).

Management of this complex supply chain involves numerous agents and, on many occasions, delays or blockages are caused by inefficient integration and communication between various parts of the chain.

Problem of interoperability is common and recurrent, and is almost never addressed in a comprehensive manner.
Interoperability in IoT

Device
- Capacity
- Communication Protocol

Semantic
- Data Model
- Information Model
- Ontology

Syntactic
- Data Format
- Schema
- Interface

Platform
- Operating System
- Data Structure
- Programming language
- Application Development

Networking
- Wired

- Wireless
A CLOUD SOLUTION TO DIGITIZE YOUR SHIPMENTS

No borders, no timetables, no dependencies
Eliminate uncertainty with real-time shipment status information, detecting incidents early.

**Accessible**
Access all your supply chain information and documentation from anywhere. Upload, share and download files.
Centralized and unalterable documentation.

**Collaborative**
Invite everyone involved, control the information they have access to, coordinate workflows and keep them informed.
Simplify logistics processes.

**Efficient**
Add the information only once, use it in all the workspaces where you need it and share it with whomever you want.
No mistakes or repetitions.

**Transparent**
With Blockchain for full transparency and traceability. Exchange information, preserve the governance of your data.
Traceability and safety guaranteed.

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The main objective of this project is the design, implementation and experimentation of a framework that allows interoperability at different levels (device, network, service) between the systems and subsystems used by the different agents directly or indirectly involved in supply chains.

This framework should not only allow the proprietary applications of the different agents to communicate with each other and, in this way, abandon the existing communication silos, but will also favor and promote the development of third-party applications, which will see their entry barrier reduced in a very heterogeneous market, thus facilitating the expansion and competitiveness of the EU market in the new industrial revolution of the 21st century.
Design and implementation of an open source framework to enable interoperability of IoT platforms,

Definition of techniques and tools to enable interoperability at different levels,

Applicability of the framework to a real use case in a transportation and logistics environment,
For more information and for interest to participate please contact:

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Presentation available via:
13th September 14 CET

Join the follow-up Telco

Join meeting

Join by meeting number
Meeting number (access code): 2744 745 0258
Meeting password: ZfXdwXs7e32

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Can't join the meeting?