UNECE
UN/CEFACT

IoT in Trade Facilitation

Use Cases and Examples of Implementation

15 October 2018, from 09:00
Deefly Zhejiang Hotel, Guiyu Room
Hangzhou, China
http://www.unece.org/hangzhouforum-iot.html

Background

Over the last few years, IoT appears to be an important new development that allows integration of connected devices into every sphere of life including the area of trade. UN/CEFACT proposes to launch a Whitepaper project to explore

- How IoT technology could be used to facilitate trade and related business processes
- How existing UN/CEFACT deliverables could be used by IoT applications
- Possible changes to existing UN/CEFACT deliverables, or new deliverables, that could be considered in order to support IoT trade-facilitation related applications.

In April 2018, a conference/workshop was organized that went over the different potential use cases of IoT in facilitating trade. The presentations from this are available on the event website http://www.unece.org/index.php?id=48078.

Objective

The objective of this conference is to look at use cases and examples of implementations of IoT in facilitating trade in areas such as agriculture, transportation, Regulatory, supply chain and benefits that were derived from such implementation.

Agenda 15 October 2018

9:00 – 9:15 - Welcome Address

- Ms. Ivonne Higuero, Director UNECE Economic Cooperation and Trade Division
- Mr. Tahseen Khan, Vice Chair, UN/CEFACT
- Mr. Kaushik Srinivasan, Domain Coordinator, eGovernment
- Ms. Virginia Cram Martos, Project Leader, IoT for Trade Facilitation

9:15 – 10:30 - IoT Technology Use Cases and Examples of Implementation

How IoT is shaping agriculture: Things to consider before developing your smart farming solution

- Mr. Vijay Kumar, Senior Vice President, eMudhra

How IoT is changing the cyber security landscape

- Mr. Tahseen Khan, Vice Chair, UN/CEFACT

IoT device identity management using Cryptography

- Mr. Masakazu Azano, Senior Manager, Globalsign KK

Asset Tracking and Monitoring using Connected Devices

- Mr. Mas Tanaka, Chief Strategy Officer, Uhuru Corp

10:30 – 11:00 - Coffee Break

11:00 – 12:00 - IoT Technology – Use Cases and Implementation Examples

How Internet of Things are powering 24/7 nudge economies

- Mr. Bipin Pradeep Kumar, co-founder, GAIA Smart Cities

Use of AI and IoT in eCommerce – a comparison between East and West

- Mr. Marco Gervasi, Founder, The Red Synergy

Use of IoT in Logistics – Smart Container Project

- Ms. Hanane Becha, Project Leader, Smart Container Project

12:00 – 12:25 - Privacy and Technology Issues

Open Discussion - IoT input to Big Data and Artificial Intelligence Applications: Implementation Issues

- Moderated by: Ms. Virginia Cram Martos, Project Leader, IoT for Trade Facilitation

12:25 – 12:30 - Closing Remarks

- Mr. Tahseen Khan, Vice Chair, UN/CEFACT

12:30 - Lunch

What is UN/CEFACT?

UN/CEFACT, the United Nations Centre for Trade Facilitation and Electronic Business, supports activities dedicated to improving the ability of business, trade and administrative organizations, from developed, developing and transition economies, to **exchange products and relevant services effectively**. Its principal focus is on facilitating national and international transactions, through **the simplification and harmonization of processes, procedures and information flows**, and so contributing to the growth of global commerce.

UN/CEFACT has a global mandate. Participation in the UN/CEFACT Forum is open to all. There are some 300 experts representing every region in the world.

Within the framework of the United Nations Economic and Social Council, the United Nations Economic Commission for Europe (UNECE) serves as the focal point for **trade facilitation recommendations and electronic business standards**, covering both commercial and government business processes that can foster growth in international trade and related services. In this context UN/CEFACT was established, as a subsidiary, intergovernmental body of the UNECE.

For more information:
http://www.unece.org/cefact
See also: http://tfig.unece.org/

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This conference takes place during the Forum in Hangzhou.

Participation is free of charge, but all participants must register as participants to the Forum.

Detailed agendas and registration available at:
http://www.unece.org/hangzhouforum.html