



**UNECE**  
**UN/CEFACT**

# Conference on Internet of Things in Trade Facilitation



24 April 2018 (09:00 – 17:45)

Palais des Nations, Salle XXII

Geneva, Switzerland

<http://www.unece.org/index.php?id=48080>

## Background

Over the past years, Internet of Things (IoT) technology has been increasingly in the news with many articles and usage. IoT appears to be an important new development which will allow integration of Internet based technologies into every sphere of life including the area of Trade Facilitation Objective This Conference seeks to establish some clarity and a collective understanding of the potential of IoT technology for supporting trade and trade facilitation as well as the other business and government activities where the United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT) has projects.

## Objectives

To reach this objective, a range of experts will talk about the various aspects of IoT technology and will take questions from the floor. You will also hear from organizations, from different sectors, about their experiences and lessons learned from implementing IoT-based pilot projects or operational systems. Speakers will talk about the use of IoT in transportation (including a seaport), finance, supply chains, agriculture, energy and other sectors. It will also address Security and Authentication issues of IoT applications. Come, learn and contribute to the discussion.

## Agenda 24 April 2018

### 09:00 - 09:15 – Welcome Address

- Ms. Ivonne Higuero, Director, Economic Cooperation and Trade, UN/ECE
- Mr. Tahseen Ahmad Khan, Vice Chair, UN/CEFACT

### 09:15 - 10:30 – IoT Technology Overview

#### *IoT for Trade Facilitation - Introduction*

- Ms. Virginia Cram, Domain Coordinator, Trade Procedures, UN/CEFACT

#### *Enabling IoT business applications: Start up ecosystems and their role in trade facilitation*

- Ms. Tanya Suarez, Co-Founder of IoT Tribe CEO at BluSpecs Innovation

#### *Data Standards for IoT based Communications*

- Mr. Marco Carugi, ITU-T SG20 Mentor and Q2/20 Rapporteur

#### *Open Discussion*

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## COFFEE BREAK

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### 11:00 - 12:00 – Enabling IoT Business Applications

#### *How to make Existing Business Applications IoT Ready*

- Mr. Orkun Erardag, Business Development Manager – Europe North, Oracle

#### *Beyond Blockchain – Data integrity for IoT*

- Mr. Jens Lund Nielsen, Head of Global Trade and Supply Chains, IOTA Foundation
- Security Issues in IoT*
- Dr. Josef Haid, Lead Principal Technical Marketing, Infineon
- Open Discussion*

## **12:00 - 12:30 – Technology Interoperability**

*UN/CEFACT Project on Smart Containers*

- Ms. Hanane Becha, Project Leader, UN/CEFACT

*Open Discussion*

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## **LUNCH BREAK**

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## **14:00 - 15:30 – Technology Interoperability - continued**

*Big Data and Use of AI in IoT*

- Ms. Masamichi Tanaka, Chief Strategy Officer, Uhuru Corporation

*The use of IoT with Blockchain & Blockchain Smart Contracts: implementation & interoperability issues*

- Mr. Aires Marques, Senior Principal Blockchain Consultant, Oracle

*Role of Government in facilitating Smart Trade using IoT*

- Mr. Ibrahima Diagne, Managing Director, GAINDE 2000

*Encoding Information in Infrastructure and use of IoT for improving transportation*

- Mr. Alejandro Badolato, co-CEO, Autodrive Solutions

*Open Discussion*

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## **COFFEE BREAK**

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## **16:00 - 17:00 – Sectoral Examples**

*IoT for Auditors and Accountants; Auditing the IoT*

- Mr. Eric Cohen, Audit Technologist and Certified Public Accountant

*Industry Use Case 1: IoT & Blockchains combined impact on Trade & Supply chains*

- Dr. Ravi Shankar, Research Advisor, KrypC Technologies

*Industry Use Case 2 – Use of IoT in transportation solutions*

- Mr. Jose Gomez Castano, CTO, INSPIDE

*Open Discussion*

## **17:00 - 17:45 – Panel Discussion**

- Mr Tahseen Ahmad Khan, UN/CEFACT Vice Chair
- Ms. Ms. Virginia Cram, Domain Coordinator, Trade Procedures, UN/CEFACT
- Mr. Kaushik Srinivasan, Senior Vice President, eMudhra
- Mr. Eric Cohen, Audit Technologist and Certified Public Accountant
- Mr. Anurag Bana, Senior Legal Advisor, International Bar Association
- Mr. Aires Marques, Senior Principal Blockchain Consultant, Oracle

## **17.45 Closing Remarks**

# 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 UN/CEFACT Forum.

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/31stuncefactforum.html>