|  |  |  |
| --- | --- | --- |
| INTERNATIONAL TELECOMMUNICATION UNION | | **TSAG** |
| **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | **TD 071** |
| **English only**  **Original: English** |
| **Question(s):** | N/A | Geneva, 1-4 May 2017 |
| **TD** | | |
| **Source:** | ITU-T representative to the MoU/MG on e-business | |
| **Title:** | Information and actions from the Management Group of the MoU on e-business | |
| **Purpose:** | Information and Discussion | |

|  |  |
| --- | --- |
| **Keywords:** | MoU/MG on e-business, blockchain, IEC/SEG 8 |
| **Abstract:** | This document gathers relevant discussions at the 38th meeting of the Management Group of the ISO, IEC, ITU, UN/ECE memorandum of understanding (MoU) on e-business, which took place at ITU headquarters, 26-27 April 2017. |

**Action**: Highlights to TSAG MoU/MG Resolution 17/03 on blockchain, and for MoU/MG Resolution 17/06 on IEC/SEG 8 seeks nomination of an ITU-T representative to IEC/SEG 8.

This document gathers relevant discussions at the 38th meeting of the Management Group of the ISO, IEC, ITU, UN/ECE memorandum of understanding (MoU) on e-business, which took place at ITU headquarters, 26-27 April 2017.

# Background

The purpose of the MoU on electronic business between IEC, ISO, ITU, and UN/ECE is to minimize the risk of divergent and competitive approaches to standardization, avoid duplication of efforts and avoid confusion amongst users in the field of e-business.

The MoU establishes a coordination mechanism under a unique cooperative model to produce mutually supportive standards required in business transactions (data interchange and interoperability) as well as products design and manufacturing to meet the urgent needs of both the industry and the end-users. E‑business covers the information definition and exchange requirements within and between enterprises, including customers.

Under the MoU, the four organizations undertake to review their standardization activities and develop a joint, coordinated programme for standards development and publication which will benefit the marketplace.

The MoU is open to other international, regional, governmental, industry and consumer organizations whose core mission involves standards-setting.

In agreement with the TSB Director, Mr. Olivier Dubuisson (Orange, France) is the ITU-T representative at the MoU/MG together with Mr. Martin Euchner (TSB).

More information at <http://itu.int/ITU-T/e-business/mou/>

# Information and actions of relevance to TSAG

* **Blockchain**

(for information) The ISO Central Secretariat reported that the first meeting of the recently established [ISO/TC 307](https://www.iso.org/committee/6266604.html) "Blockchain and electronic distributed ledger technologies " was well attended, with many contributions. Multiple study groups (i.e. groups that do not develop standards) have been created on topics like:

* reference architecture, ontology and taxonomy;
* security and privacy;
* identity;
* smart contracts.

ISO/TC 307 established a working group on terminology, pending acceptance of a new work item proposal on vocabulary.

(for information) UN/CEFACT reported that they have approved a project on blockchain (related to e-government) which will not produce standard but will draft two white papers.

(for information) It was also mentioned that [ISO/TC 68](https://www.iso.org/committee/49650.html) "Financial services" and [ISO/TC 215](https://www.iso.org/committee/54960.html) "Health informatics" are considering the application of blockchain in their area of responsibility. In particular, ISO/TC 215 is developing a state-of-the-art on blockchain for healthcare.

(for action, taking into account that Study Group 17 has already requested a Category A liaison with ISO/TC 307)

***Resolution 17/03***

[…] the MoU/MG recommends ISO/TC 307 to invite representatives of UN/CEFACT, ISO, and the proposed ITU-T Focus Group on blockchain and distributed ledger technologies, to establish active liaisons with ISO/TC 307 to develop a coherent development programme across those organisations.

* **IEC/SEG 8 on Communication Technologies and Architectures of Electrotechnical Systems**

The scope of this newly created System Evaluation Group is to:

* Assess, provide an overview and prioritization of the evolution of technical development and standardization in the field of communication technologies and architectures;
* Develop a sustainable process for incorporating communication technologies into relevant IEC committees.

***Resolution 17/06***

The MoU/MG notes the formation of IEC/SEG 8 on Communication Technologies and Architectures of Electrotechnical Systems, and invites MoU/MG member organisations to interact directly with that group.

(for action) ITU-R has already appointed a representative to IEC/[SEG 8](http://www.iec.ch/dyn/www/f?p=103:186:0::::FSP_ORG_ID,FSP_LANG_ID:20601,25). IEC pointed out that ITU‑T has received an invitation to nomination of an ITU-T representative to SEG 8 is still pending.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_