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| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2017-2020 | TD 162 |
| **TSAG** |
| **Original: English** |
| **Question(s):** | N/A | Geneva, 26 February - 2 March 2018 |
| **TD** |
| **Source:** | ITU-T Liaison Officer to JTC 1 |
| **Title:** | Report of the ISO/IEC JTC 1 Plenary, 2-6 October 2017 |
| **Purpose:** | Information |

JTC 1 held its last Plenary meeting on 2-6 October 2017 in Vladivostok, Russian Federation.

At its 28-30 April 2009 meeting TSAG nominated Mr. Olivier Dubuisson (Orange, France) as ITU‑T Liaison Officer to JTC 1.

This document gathers items discussed by JTC 1 which are relevant to TSAG and proposes actions for TSAG when appropriate.

The next JTC 1 Plenary meeting will be held on 5-9 November 2018 in Stockholm, Sweden.

1. **New officers**

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***Proposed action****: TSAG to note.*

1. **Emerging technologies**

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**Summary**: To enable and realize the true value of the internet of things (IoT), edge intelligence pushes processing for data intensive applications away from the core of the cloud to the edge of the network.

This radical transformation from the cloud to the edge, edge intelligence, will support trillions of sensors and billions of systems. It will treat data in motion differently from data at rest.

This White Paper synthesizes current trends in the areas of cloud computing, mobile networking, IoT and other domains that require low delay in communication and decision. Such domains include smart manufacturing, video analysis for security and safety, automotive, intelligent city furniture or virtual reality. The publication explores market potential and vertical use case requirements, analyzes gaps and produces recommendations for adopting vertical edge intelligence technologies.

This White Paper was developed by the IEC Market Strategy Board ([MSB](http://www.iec.ch/msb)) edge intelligence project team with major contributions from Huawei and the Fraunhofer Institute for Open Communications Systems FOKUS.

***Proposed action****: TSAG/RG-StdsStrat (as well as SG13 and SG20 if felt appropriate) to analyse* [*IEC* *White Paper on Edge intelligence*](http://www.iec.ch/whitepaper/edgeintelligence/)*.*

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***Proposed action****: TSAG/RG-StdsStrat to note the creation of this new group of IEC Strategic Management Board (SMB).*

1. **Artificial intelligence**

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The two NWIPs which are mentioned above are:

* ISO/IEC NP 22989 "*Artificial intelligence concepts and terminology*";
* ISO/IEC NP 23053 "*Framework for artificial intelligence systems using machine learning*".

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***Proposed action****: TSAG/RG-StdsStrat to note the creation of this new sub-committee of JTC 1 and recommend to relevant study groups (in particular SG13 and SG20 with regards to big data) to establish liaisons as appropriate.*

1. **Liaison policy**

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***Proposed action****: TSAG/RG-SC to note the new concept of "enhanced liaison relationship" which will be later described in JTC 1 Standing Document 15.*

1. **IPR policy**

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SC 29 requested the JTC 1 Plenary to discuss aligning the ISO/IEC patent declaration form (as found in Annex I, ANNEX 2 of the ISO/IEC Directives) and guideline (as found in Annex I, section I.4.1 of the ISO/IEC Directives) for option 3 declarations to the ITU text of the patent declaration form and guideline.

***Proposed action****: TSAG to note as the subject matter is relevant to the TSB Director's IPR ad hoc group.*

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