



Technical Activities

Technical Report on “Study on Edge Intelligence standards for haptics related IIoT use cases” (TSDSI TR 6018 V1.0.0) was published by Study Group Services & Solutions. It lists critical technical issues with new requirements and recommendations for standardization to enable haptics-related applications of critical nature in the edge computing system based on gap analysis of existing standards and requirements.

Global Standards Roundup

ITU-R: ITU-R WP5D held its 42nd Meeting from 10-21 October 2022 in Hybrid Mode. A total of 20 TSDSI delegates registered for the meeting. TSDSI submitted contributions on the following documents for this meeting:

- Proposal for update to the draft working document towards a preliminary draft new report ITU-R M.[IMT.Above 100 Ghz]. This contribution was accepted and made part of the Draft Working Document
- TSDSI Activities for the Region 3 report compiled by ARIB

Evaluation of “EUHT-5G” as an additional technology proposal from Nufront for IMT-2020 was closed as it could not cross the Step 4. Draft Report on M.[IMT.Terrestrial broadband remote coverage] has been finalized for submission to SG5.

ITU-T: Three contributions from IIT Delhi, IIT Bhilai, JKSBOTE (Jammu and Kashmir Board of Technical Education), University of Kashmir and TCS were submitted to ITU-T Focus Group on Autonomous Networks. These are based on TSDSI Study Item SII 90 (Creation of Edge Intelligence standards for latency and privacy management) and W11-NIP 282 (Enhancement of application enablement architecture EDGEAPP (3GPP SA6 WG) with the support of 5GS (5G System) to enable tactile applications with edge intelligence in an Indian deployment scenario). These three contributions were developed under the Build-a-thon India round, hosted by IIT Delhi and supported by TSDSI, Indo-EU Partnership Project and ITU.

A contribution titled “Internet of Things (IoT) and deep learning based multi-model system for detection and management of Active Fire Locations (AFL) in Agricultural activities” was presented by UIET Chandigarh during the 17-19 October meeting of ITU Focus Group on AI and IoT for Digital Agriculture. This contribution was developed under the Indo-EU Partnership Project, hosted by UIET and supported by TSDSI.

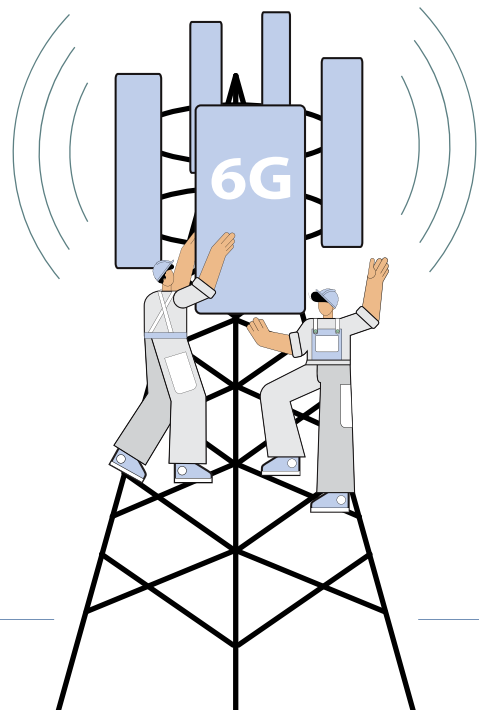
oneM2M: TSDSI and Malaysian Technical Standards Forum Bhd (MTSFB) partnered to conduct an awareness session on oneM2M “oneM2M Tech Talk” to celebrate World Standards Day on 14 October 2022. Mr Aurindam Bhattacharya, Registrar, CDOT, gave a detailed overview of the oneM2M framework. The event was conducted in Hybrid Mode (India Habitat Centre, New Delhi / Online over AIRMEET).

Ecosystem

Towards 5G Advanced and 6G – An International Conference@IMC 2022: TSDSI in partnership with DoT organized an International Conference on “Towards 5G Advanced and 6G” as part of India Mobile Congress IMC 2022 from 1-3 October 2022. The conference focused on the exciting new pathways being explored in the quest for 6G, as well as on the advances appearing on the horizon in 5G Advanced. It featured 3 keynotes by Dr Durga Malladi (Qualcomm), Dr Magnus Ewerbring (Ericsson) and Mr Mohan Rao Goli (Samsung Research India). 33 researchers from across the world, shortlisted by the program committee based on an open call for abstracts, presented on the conference topics in 6 sessions.

Induction Session on TSDSI: An Induction Session on TSDSI was held on Friday, October 14 in Hybrid mode (India Habitat Centre, New Delhi / Online over AIRMEET). The objective was to create awareness about TSDSI, our role in the Global Standards development ecosystem, our accomplishments and current activities.

DG - TSDSI, Ms Pamela Kumar gave a plenary keynote on “5G and Beyond – Update from India” on Day 3 (14 October 2022) of the IEEE Future Networks World Forum 2022 online.



TSDSI Scorecard

Description	For the Month (FTM)		Cumulative Total	
	SGN	SGSS	SGN	SGSS
Technical Activities				
No. of Technical Reports Released	-	1	8	130
No. of Standards Released	-	-	6,439	222
Membership Status				
No. of Members	-		104	

Participation in Meetings of Global Forums

Meeting Name	No. of Meetings	No. of Member Organizations	No. of Contributions
3GPP	8	17	13
ITU	3	8	6
oneM2M	-	-	-

Upcoming Events

Event Name (Meetings/Workshops/Conferences/Webinars)	Date & Time	Location
IEEE Connecting the Unconnected Summit	1-3 Nov 2022	Online
TSDSI GC#40	4 Nov 2022	Online
TSDSI Tech Deep Dive (TTDD) 2022	7-10 Nov 2022	Online
ITU-T FG-AN Build-a-thon workshop 3.0: PoC Solutions Pitching	7 Nov 2022	Online
ITU-T Focus Group on Testbeds Federations for IMT-2020 and beyond Meeting	14-16 Nov 2022	Online
ITU-T SG13 (Future Networks and emerging network technologies)	14-25 Nov 2022	Geneva, Switzerland
ITU Workshop on "Advances in evolutionary autonomous networks: Use cases, architecture and PoC" and demo day	15 Nov 2022	Geneva, Switzerland
ITU-T SG5 (Terrestrial Services)	28 Nov 2022	Geneva, Switzerland
oneM2M TP#57	28 Nov - 2 Dec 2022	Seoul, Korea / Hybrid
ITU-R 2 nd ITU Inter-regional Workshop on WRC-23 Preparation	29 Nov - 1 Dec 2022	Geneva, Switzerland
oneM2M Conference - The Journey to Massive IoT through Interoperable and Open Standards	1-2 December 2022	South Korea / Hybrid
8 th oneM2M Interop Event	5-7 December 2022	South Korea

Click <https://tsdsi.in/events/> to view list of upcoming events for the entire year.

Click <https://bit.ly/3sBb9dQ> to read our regular newsletter which shares news about our activities.