



## Technical Activities:

**A Technical Report on “Characterization of E-band for 4G/5G Backhaul & Rural Broadband” (TSDSI TR 6024 V1.0.0)** was published by Study Group – Networks. This study analyzes the viability of E-band radios for point-to-point 4G/5G backhaul under different implementation and usage scenarios including interference analysis among terrestrial links as well as terrestrial and satellite links. It also suggests further study in respect of point to multipoint links in E-band.

**Study Group - Services & Solutions** group has submitted Liaison Statements to the Department of Telecommunications (DoT), the Telecommunication Engineering Centre (TEC) and the Ministry of Agriculture, IARI PUSA Institute informing them about the publication of the following technical reports:

- Rural Broadband Services and Architecture (TSDSI TR 6023 V1.0.0)
- Study of UAV/Drone 3GPP Standards Applicability to India Use Cases (TSDSI TR 6025 V1.0.0)

## Global Standards Roundup:

**3GPP:** 15 meetings of 3GPP Working groups were held in August 2023 where 286 experts from 14 TSDSI IMs participated and made 762 contributions.

**ITU-T:** TSDSI members registered as delegates for the following ITU-T meetings:

- ITU Workshop on "Zero Trust and Software Supply Chain Security" held on 28 August 2023 in Goyang, Korea & online.
- ITU-T SG/WP17: Security held from 29 August to 8 September 2023 in Goyang, Korea.

**oneM2M:** oneM2M TP #61 was held from 14-18 August 2023 in Penn State University (PSU), Pennsylvania, USA & Online. Academia Relations (ACR) ad-hoc group has appointed the following conveners: Professor Luigi Liquori, Inria (from Europe); Professor Kwanghyun Ro, Hansung University (from Korea); Professor Kyusun Choi, Penn State University (from North America).

## Ecosystem:

**World Telecom Standardization Assembly (WTSA) 2024 - Awareness Workshop:** TSDSI organised an online WTSA Awareness workshop to create awareness and to promote increased participation and contributions to WTSA'24 which will be hosted by DoT in New Delhi, India from 15-24 October 2024. The workshop introduced the participants to TSDSI, ITU and WTSA and then went on to explain the significance of the WTSA resolutions for researchers, startups and industry. Guidelines for writing good WTSA resolution proposals were also given with examples. Click [here](#) to view the recording.

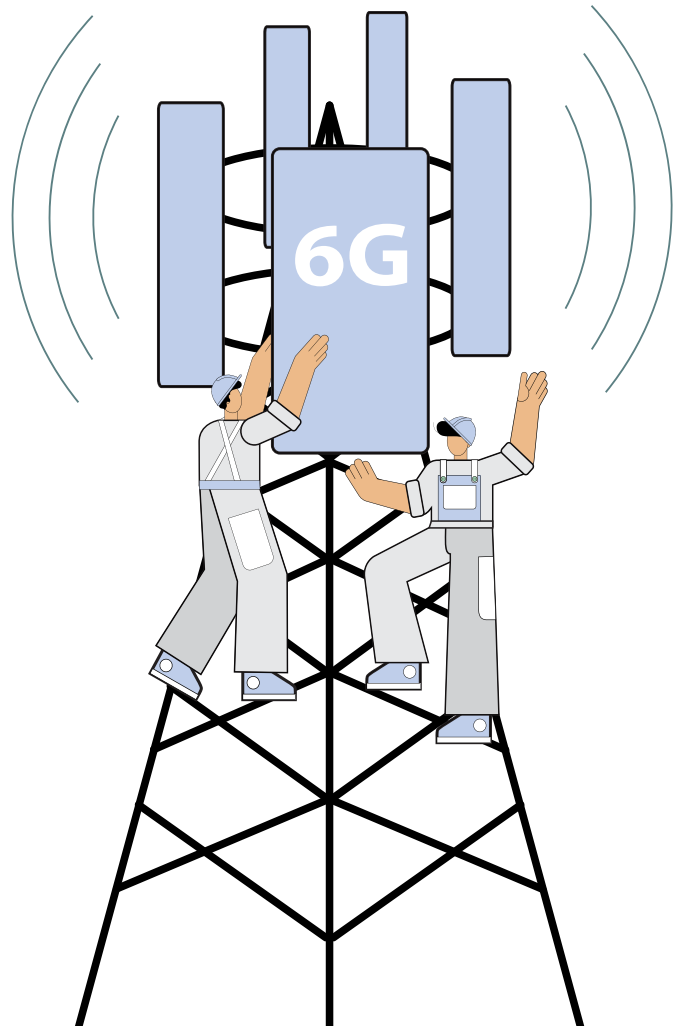
**TSDSI Exhibition at G20-DIA:** TSDSI exhibited in the G20-DIA (Digital Innovation Alliance) summit which was held in Bengaluru from 17-19 August 2023. The three-day summit was attended by Start-ups, Corporates, R&D organizations, Universities and government officials, along with exhibition attendees. TSDSI received many membership enquiries from various organisations.

## Operational Matters:

GC #44 was held in Hybrid Mode (TCS Office, New Delhi and online) on 11 August 2023. The Annual Audited Accounts for FY 2022-23 were approved alongwith the content for the Annual Report for the financial year. The GC also approved the formation of startup community and Global SDO Coordination group.

## Announcements:

TSDSI welcomes Vaan Megam Networks Pvt Ltd and Society for Electronic Transactions & Securities as Corporate Members and Vincular Testing Labs India Pvt Ltd as Observer Member.



## TSDSI Scorecard

Description	For the Month (FTM)		Cumulative Total	
	SGN	SGSS	SGN	SGSS
<b>Technical Activities</b>				
No. of Technical Reports Released	1	-	11	133
No. of Standards Released	-	-	8,413	223
<b>Membership Status</b>				
No. of Members	3		112	

## Participation in Meetings of Global Forums

Meeting Name	No. of Meetings	No. of Participants	No. of Contributions
3GPP	15	286	762
ITU	1	8	-
oneM2M	1 (TP 61)	3	-

## Upcoming Events

Event Name (Meetings/Workshops/Conferences/Webinars)	Date & Time	Location
ITU-T SG/WP17: Security	29 Aug'23 - 8 Sep'23	Goyang, Korea & online
SGN Technical Plenary #32e	4 - 5 Sep'23	Online
3GPP RAN/SA/CT #101	11 - 15 Sep'23	Bengaluru, India & online
TSDSI Outreach Workshop at 3GPP TSG #101	15 Sep'23	Bengaluru, India & online
ITU-T SG/WP 20: IoT and smart cities	13 - 22 Sep'23	Arusha, Tanzania & online
SGSS Technical Plenary #27e	19 - 20 Sep'23	Online
ITU-T: CITS (Collaboration on ITS Communication Standards)	22 Sep'23	Online
ITU-T: FG-AN Meeting	28 Sep'23	Online

[Click here](#) to view list of upcoming events for the entire year.

[Click here](#) to read our regular newsletter which shares news about our activities.