



Technical Activities

Study Group – Services & Solutions: Six new Study Items were approved in the SGSS Formal conference call held online on 7 May 2024. These are SI132 - Network Security (NIP345), SI133 - AI/ML-based Security Implementation in Wireless Communication Systems (NIP349), SI134 - Slice Identification in 5G RAN and Core for End-to-End Secure and Resilient Slice Service (NIP352), SI135- Suggested Recommendations for Sustainable 6G Networks (NIP353), SI136 - Framework for AI/ML Operation Splitting in 6G context (NIP350) and SI137 - Recommendations for Use of Dynamic AI/ML models for Self-Sustainable V2X applications in 6G Networks (NIP354).

Global Standards Roundup

3GPP: TSDSI hosted meetings of 3GPP CT Working Groups - CT1, CT3, CT4 and CT6 in Hyderabad from 27-31 May 2024. A total of 43 experts from 10 TSDSI IMs participated, contributing 99 proposals during the meetings. TSDSI acknowledges TCS, BIF and DoT for their sponsorship and grants, which supported the hosting of these meetings.

Additionally, a “3GPP Stage-1 Workshop on IMT2030 Use Cases” took place from 8-10 May 2024 in hybrid mode. Representatives from Operators, Verticals, Regional Alliances and TU presented their views on 6G/IMT2030 Use Cases. Please click [here](#) for more details.

ITU-T: Mr. Ramesh Ramanathan and Mr. Jayaprakash Govindarajulu from TATA ELXSI, a TSDSI member, presented on “**Easing Operations using AI/ML solution for 6G and beyond**” at the **Innovate for impact: The Winning AI use Cases workshop** held on 30 May 2024 in Geneva, as part of the **AI for Good Summit**. This presentation was based on TSDSI NIP (TSDSI-SGSS-NIP359-V1.0.0). For their contribution, the team received winner certificates from the ITU Deputy Secretary General. Moreover, this use case, along with another from HFCL (also a TSDSI Member), has been nominated for the **Super AI Leader** award in Shanghai. This nomination marks TATA ELXSI as the first Indian Company to be recognized in this category.

TSDSI Members also participated in the e-meeting of ITU-T SG9 - Broadband Cable & TV, held from 9-17 May 2024.

oneM2M: Mr. Sushil Kumar, Additional Director General Telecom, North (DoT) and Chair of ITU-T SG-20 (IoT and Smart cities) Regional Group for Asia Pacific, delivered a presentation titled “**oneM2M Development and Use Cases in India**” at the oneM2M Workshop organised in conjunction with the 36th APT Standardization Program Forum (ASTAP-36) on 21 May 2024, in Bangkok, Thailand, in hybrid mode.

Ecosystem

TSDSI Standards Awareness Workshop Series: As part of our 10th anniversary celebrations, TSDSI has launched a series of “Standards Awareness Workshops” to raise awareness of the crucial role of Standards in fostering innovation and achieving success in today’s digitally driven ecosystem. The goal is to encourage companies and R&D organizations to establish dedicated internal structures for adoption and contribution to the development of standards. The series will also act as an ideation platform to discover locally relevant use cases and topics that have a potential for

standardization. The inaugural workshop, titled “**Achieving Leadership in Standards - Enabling Organizational Frameworks**” was organised in IIT Bangalore on 9 May 2024, in partnership with Samsung R&D Institute India. Please click [here](#) for more details.

Prior to this workshop, TSDSI partnered with DoT and TEC to conduct a workshop “Achieving Leadership in Standards –Leveraging India’s Potential through IP” on 8 May 2024 at IIT Bangalore. Please click [here](#) for more details.

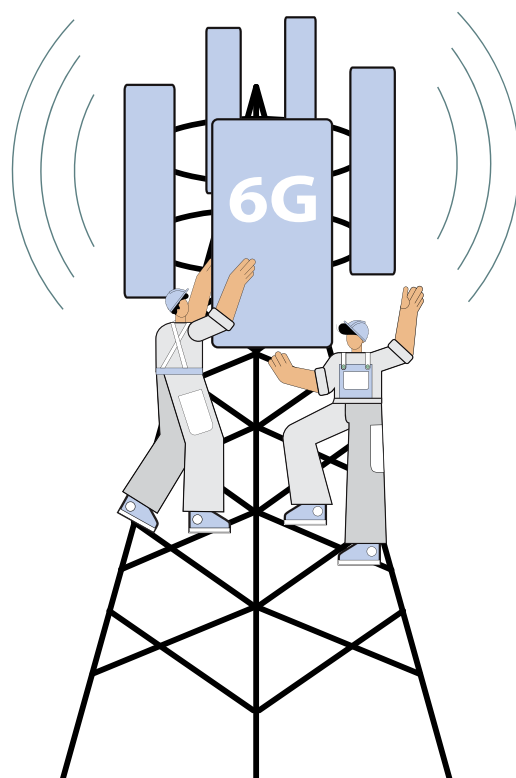
Mr. A K Mittal, Advisor- Networks, TSDSI joined a panel discussion on “Research and Standardization Roadmaps for 6G” in the 2nd edition of “**Bharat 6G 2024 International Conference**” held in New Delhi on 15 May 2024. Please click [here](#) for more details.

Announcements

TTDD2024:

TSDSI proudly announces the 7th edition of our Annual Flagship Conference - TSDSI Technical Deep Dive (TTDD2024), scheduled to be held from 16-19 July 2024. It will have 6 fully online technical sessions followed by a hybrid conference theme session in New Delhi/online.

Click [here](#) for Registration
Click [here](#) to Find out more



Events and Meetings in the period Jun-Aug 2024

Event Name (Meetings/Workshops/Conferences/Webinars)	Date	Location
APG27-1	3-6 Jun'24	Shanghai, China
ETSI MEC#38 ISG Meeting	10-14 Jun'24	Cupertino, US
SGSS WG3 FCC	6 Jun'24	Online
ITU-R WP1A, WP1B, WP1C	12-19 Jun'24	Geneva, Switzerland
ITU-T FG-MV	12-23 Jun'24	Geneva, Switzerland
First UN Virtual Worlds Day: Harnessing the metaverse to advance the (SDGs)	14 Jun' 24	Geneva, Switzerland
ITU-T SG5	17-21 Jun'24	Poland
ITU-T SG5- Environment and circular economy	17-21 Jun'24	Poland
3GPP RAN/SA/CT #104	17-21 Jun'24	China
ITU-T FG-AI4A	18 Jun' 24	Utrecht, Netherlands
ITU-T SG2	19-28 Jun'24	Geneva, Switzerland
ITU-R SG1	20 Jun'24	Geneva, Switzerland
oneM2M TP #65	24-28 Jun'24	Online
APT WTSA24-4	25-28 Jun'24	Adelaide, Australia (Hybrid)
ITU-R RRB-24.2WP5D #46	24 Jun'-2 Jul'24	Geneva, Switzerland
India Space Congress 2024	26-28 Jun'24	New Delhi
ITU-T SG20, SG15	1-12 Jul'24	Geneva, Switzerland
SGN TP #35, SGSS TP #30, Workshop on 6G application and Services	8-9 Jul'24	Online
3GPPSA3 #94-LI, SA6#62-Ad Hoc-e	9-18-Jul'24	Amsterdam
ITU-T SG3	9-18 Jul'24	Geneva, Switzerland
ITU-T SG17	11-12 Jul'24	E-meeting
ITU-T SG13	15-26 Jul'24	Geneva, Switzerland
TSDSI Tech Deep Dive (TTDD 2024)	16-19 Jul'24	Online + Hybrid (New Delhi)
3GPPSA2#164, SA3#117, SA4#129-e, SA5#156, SA6#62	19-23 Aug'24	Maastricht+online
11th 5G Global Event	29-30 Aug'24	New Delhi, India

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

Click [here](#) for previous bulletins. Visit [here](#) to read our semi-annual newsletter.