



भारत सरकार  
दूरसंचार विभाग  
दूरसंचार अभियांत्रिकी केन्द्र  
खुरशीद लाल भवन, जनपथ, नई दिल्ली-110001

Government of India  
Department of Telecommunications  
Telecom Engineering Centre  
Khurshid Lal Bhawan, Janpath, New Delhi-110001

**Office Memorandum**

No. 19-1/2019-STD/TEC/2

Dated: 17.09.2020

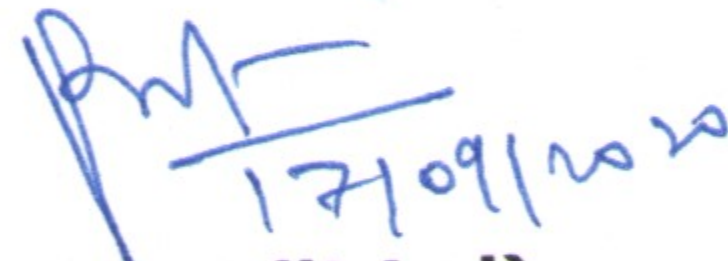
**Subject: Adoption of TSDSI transposed OneM2M (Release 2) specifications as National Standards by TEC**

TSDSI, as partner type 1 of oneM2M has transposed oneM2M (Release 2) specifications<sup>1</sup> totalling 27 documents in numbers and had provided to TEC for adoption as national standards by TEC. These specifications address the need for common M2M service layer that can be readily embedded within various hardware and software, and relied upon to connect the myriad of devices in the field with M2M application servers worldwide. These transposed documents cover oneM2M functional architecture, requirements, Service layer control protocols, Management enablement etc.

These specifications have been processed for adoption as per the process defined in the "Standardization Guide – A policy document for adoption of the domestic/international standards into national standards" notified as per O.M. No. 2-1/2018/SD/TSDSI/TEC/5 dated 8<sup>th</sup> May 2020. These standards were initially circulated to all the stakeholders for the public consultation. Then, the Consultative Committee (CC) on oneM2M under chairmanship of DDG (IOT), TEC and other members from industry, academia, government, R&D organizations, SDOs etc. have examined the specifications w.r.t. public comments and inclusion of national requirements. Subsequently, Telecom Standards Advisory Committee (TSAC) has recommended adoption of these standards as identical adoption as per ISO/IEC Guide 21-1 (except TS-007, TS-0021 and TS-0024). The competent authority has approved adoption of these TSDSI transposed oneM2M specifications as national standards for IoT/M2M ecosystem in India.

Internet of Things (IoT) division of TEC is requested to take further necessary action for allocation of number, publication, presentation etc. of these standards as per the Standardization Guide in consultation with Regional Coordination (RC) Division.

This has approval of Sr. DDG TEC.

  
17/09/2020

**(Premjit Lal)**  
**Dir (Standardization)**

To,

1. DDG (IOT), TEC, K.L. Bhawan, New Delhi for necessary action.
2. DDG (RC), TEC, K.L. Bhawan, New Delhi.
3. DDG (IT) TEC, K.L. Bhawan, New Delhi with a request to upload on the TEC website.
4. ED, CDOT/ DG TSDSI, New Delhi.

Copy for kind information to:

1. Member (S)/Member(T), Digital Communications Commission, Sanchar Bhawan, N. Delhi.
2. Sr. DDG & Head TEC K.L. Bhawan, New Delhi.
3. All DDGs/Directors/ADGs, TEC, K.L. Bhawan, New Delhi.

<sup>1</sup> ( Available at <https://tsdsi.in/onem2m/> )