Department of Telecommunications (DoT)
Ministry of Communications
Government of India

National Telecommunications Institute for Policy Research,
Innovation and Training (NTIPRIT)
NTIPRIT, Admin Building, ALT Centre
Govt of India Enclave, Near Raj Nagar, Ghaziabad-201002
ntiprit.gov.in

Webinar on
IoT/M2M Security

Date: June 29, 2022

Time: 11:00-13:30 Hrs

Registration Link: https://tinyurl.com/2p89xpsu Or   scan QR Code

Direct Joining Link: https://tinyurl.com/4jxav4cr

All the participants are requested to join by 10.45 AM

PROGRAMME SCHEDULE

S.No	SESSION & SLOT	NAME OF THE TOPIC
1	**Inaugural Session** 1100 hrs – 1115 hrs	**Welcome Address** : Sh. Chaganti Srinivas, DDG(ICT), NTIPRIT **Inaugural Address:** Sh. U. K. Srivastava, DG, NTIPRIT **Vote of Thanks** : Sh. Deepak Sharma, Director(FT), NTIPRIT
2	**Session 1** 1115 hrs – 1145 hrs	**Cybersecurity Threats and Mitigation Approaches in the age of Hyperconnected Societies** by Sh Sharad Arora, Founder, Mashmari
3	**Session 2** 1145 hrs - 1215 hrs	**Secured IoT ecosystem using OneM2M** by Sh Aurindam Bhattacharya, Group Leader - IoT, CDoT
4	**Session 3** 1215 hrs - 1245 hrs	**IoT/M2M Security: International Scenario & Best Practices** by Ms Rana Kamill, IoT and Ecosystem Architecture Solutions Manager, British Telecom.
5	**Session 4** 1245 hrs - 1315 hrs	**IoT/M2M Security Solutions** by Mr Yair Poplawski, VP APAC – Orchestra Group, Israel
6	**Session 5** 1315 hrs - 1330 hrs	**Questions and Answers**

About the Webinar

IoT/M2M connects and integrates different types of control systems and sensors with enterprise systems, business processes, analytics and people, thereby, creating an abundance of opportunity to interact, learn, and subsequently transform the whole society. However, the systems that were originally designed to be isolated are now exposed to attacks of ever-increasing sophistication. A successful attack on an industrial IOT system has the potential to be as serious as the worst industrial accidents to date, resulting in damage to the environment, injury to or loss of human life. Therefore, organizations must take these risks seriously.

Device Security, Authentication, Authorisation, Communication Security, Application Security, Data Integrity, Data Privacy and Lawful Interception etc. are the essential requirements for IOT/ M2M deployments. Hence, it is necessary to have a standardized robust security framework. This webinar aims to cover various aspects of IoT/M2M Security including security threats and mitigation approaches, use of OneM2M standards to create a secured IoT ecosystem, international scenario and best practices; and some of the IoT/M2M security solutions that may be used by organisations to ensure security and make their system trustworthy.

To achieve these objectives, the webinar brings together a panel of national and international experts from Government, Industry as well as OneM2M to discuss these aspects of IoT/M2M Security.

DISTINGUISHED DIGNITARIES

Sh. U.K. Srivastava, DG, NTIPRIT

Sh. U. K. Srivastava, is a senior ITS officer of 1983 batch., presently working as DG NTIPRIT, DoT, Government of India. He has over 37 years of rich experience in the field of Telecommunications and has led various units of DoT, Govt of India and Telecom Regulator in India, TRAI. He had also worked in ITU at Iraq and its HQ at Geneva.

Sh. Chaganti Srinivas, Deputy Director General (ICT) NTIPRIT

Shri Chaganti Srinivas is an ITS officer of 1986 batch. He is presently working as DDG (ICT) at NTIPRIT. He has vast experience of over 34 years in the field of Telecommunications in various capacities.

EXPERT SPEAKERS

Ms. Rana Kamill, British Telecom.

Ms. Rana Kamill, is IoT and Ecosystem Architecture Solutions Manager at British Telecom. She stared her career in BT in RAN then worked for several years as Security Consultant, providing Security Consultancy across different CFUC before moving to the area of Architecture and Technology Strategy. She has an extensive experience in Academia, Oil and Gas industry and telecom industry. Ms. Rana is passionate about Security and everything related to IoT.

Mr Yair Poplawski, VP APAC – Orchestra Group, Israel

A Technologist and an AI Specialist focusing on big data analytics and actionable intelligence. He has 30 Years experience of fighting in the forefront of Cyber warfare, creating and promoting strategies platforms and solutions across industries and geographies, in order to mitigate Cyber terrorism and Cyber-crime to help create a safer world. Earlier, he was Lieutenant Colonel in Israel Intelligence Corps.

Mr Aurindam Bhattacharya, Group Leader- IoT, CDoT

Mr Aurindam leads the activities of IoT/M2M Communication in C-DOT. He has been a key contributor to various policy and roadmap documents of DoT on M2M Communication and IPv6 etc. An advocate of standardisation of the M2M/IoT communication, he contributes actively in OneM2M - the international standardisation body on IoT/M2M. He has also contributed significantly in various Technical Reports issued by TEC, as convener for IoT Reference Architecture in BIS and in formulation of the policy document for the standardization of Intelligent Transportation System in Niti Aayog to name a few.

Mr Sharad Arora, Founder, Mashmari

Mr Sharad Arora is the founder of Mashmari Consultants Pvt Ltd. Mashmari is a start-up founded to acquire and dedicate resources towards industrial research, development and standardisation in the area of remote and rural education, learning management and national capability development in future networks and cutting edge technologies. He is also a member of National Working Group 20, 17, 13, 2. Earlier, he was the Founder and Managing Director of Sensorise Digital Services. His expertise in IOT/M2M domain includes Network & Device Security in M2M Communications, Embedded Systems and IoT Applications