



Press Release

Mumbai, 25th October 2023

Vi Offers IoT lab-as-a-service in Collaboration with C-DOT for IoT Device Interoperability Testing and Certification

- *Vi has set up State-of-Art IoT Lab – a facility for device testing and certification as per oneM2M standards in collaboration with CDOT*
- *Completes testing for over 50 IoT Devices and certifies as per oneM2M and 3GPP standards for interoperability*
- *Establishes a ‘Centre Of Innovation’ that provides Startups with Technology and Business Platform to thrive*

Under the leadership of **Hon’ble Prime Minister Shri Narendra Modi**, India is at the forefront of the Industry 4.0 revolution driven by increased IoT adoption. Organisations across industries are increasingly adopting IoT practices. As per a NASSCOM report, India’s IoT market is projected to reach US\$15 billion by 2025. **However, the industry does face operational challenges such as device network compatibility, remote device configuration etc. and ecosystem challenges such as fragmented ecosystem preventing businesses to scale. Addressing this concern, the Bureau of Indian Standards (BIS) has mandated OneM2M as the National IoT Standards for Interoperability of IoT devices.**

As a leader in the IoT segment and a committed partner to the Government of India’s mission of accelerating IoT adoption in India, leading telecom operator, **Vodafone Idea (Vi)** in partnership with **C-DOT (Centre for Development of Telematics)** is offering a **first-of-its-kind IoT Lab** with the common vision of promoting standardization and interoperability in the IoT ecosystem. Since its formation in Dec’22, we have tested more than 50 devices across industries like automobile, utility, BFSI, Logistic and more. In order to promote proliferation of oneM2M standards which has been adopted as national standard for IoT solution design by BIS, the lab tests and certifies compatibility with oneM2M standards as well. In a nutshell, this IoT lab not only validates network performance as per device, but it also helps certify solution interoperability

This Lab-as-a-Service initiative from Vi Business, the enterprise arm of Vodafone Idea, is equipped to **test 175+ scenarios** that include network and functional testing, field testing, application testing, compatibility testing, oneM2M standard testing and more. It can also **test 30+ diverse use cases** across industries, such as AMI, Connected Car, POS, VTS and more. The lab has the capability to test a wide spectrum of ecosystem components ranging from device, modules, SIMs, application, firmware, and more.

This lab acts as an IoT ecosystem orchestrator and brings all stakeholders together to ensure seamless IoT experience. The Vi C-DOT IoT lab runs an exhaustive test plans on all devices and ensures no bug goes unresolved by collaborating with component designers. Until today 5 devices have been certified as “network ready” by this lab. Now, **Vi C-DOT IoT Lab** is also testing 5G and NBIOT devices.

Elaborating on the efforts of **Vi IoT Lab** for nurturing the IoT ecosystem in India, **Arvind Nevatia, Chief Enterprise Business Officer, Vi**, said, “Vi as the leader in the IoT segment is committed to its adoption across industries. We are pleased to share that **Vi IoT Lab in partnership with C-DOT** has enabled its partners with the right IoT deployment especially bringing standardization and interoperability. We are delighted to further strengthen this partnership by establishing ‘centre of innovation’ which will bring synergies between Startups and the M2M/IoT Industry. This collaboration is a reflection of our ongoing efforts to improve the domestic IoT ecosystem while contributing to the growth of the Indian economy.”



This certification is enabling IoT Service providers by:

- Comply with global standards, thereby ensuring faster time-to-market and, in turn, quicker revenue realization.
- Increasing the credibility of the IoT Service provider and their device by ensuring interoperability and standardisation as per oneM2M standards

Additionally, the Vi-CDOT partnership is nurturing the IoT ecosystem in India and empowering Startups in the area of IoT/M2M by expanding the Vi IoT Lab as the 'Centre of Innovation'. This will act as an incubation centre, providing startups with technology and a business platform for broader and quicker market readiness. This centre will also provide a platform to make the solutions compliant with OneM2M standards.

Dr Rajkumar Upadhyay, CEO, C-DOT said "Vi C-DOT IoT lab is a giant leap towards establishing a testing and certification framework for standards compliant IoT devices and applications. I am confident that this collaborative initiative of C-DOT and Vi along with the Centre of Innovation (COI) for IoT/M2M by C-DOT would be extremely beneficial for the Indian industry, especially start-ups in their endeavor to manufacture and deploy indigenous standards compliant devices and applications"

Vi will demonstrate the Vi IoT Lab service in partnership with CDOT at the upcoming India Mobile Congress 2023, which will be held from 27 to 29 October 2023 at Pragati Maidan in New Delhi.

Visitors of IMC 2023 can visit the Vi booth in Hall-5, Stall-5.1 to have an exclusive preview of the service.

About Vodafone Idea Limited:

Vodafone Idea Limited is an Aditya Birla Group and Vodafone Group partnership. It is India's leading telecom service provider. The Company provides pan India Voice and Data services across 2G, 3G, 4G and has a 5G ready platform. With the large spectrum portfolio to support the growing demand for data and voice, the company is committed to deliver delightful customer experiences and contribute towards creating a truly 'Digital India' by enabling millions of citizens to connect and build a better tomorrow. The Company is developing infrastructure to introduce newer and smarter technologies, making both retail and enterprise customers future ready with innovative offerings, conveniently accessible through an ecosystem of digital channels as well as extensive on-ground presence. The Company is listed on National Stock Exchange (NSE) and Bombay Stock Exchange (BSE) in India.

The company offers products and services to its customers in India under the TM Brand name "Vi". For more information, please visit: www.MyVi.in

###