



भारतीय दूरसंचार विनियामक प्राधिकरण
TELECOM REGULATORY AUTHORITY OF INDIA
भारत सरकार /Government of India



Dr Sriram Rajamani
Managing Director
Microsoft Research INDIA
VIGYAN, No. 9 Lavelle Road
Bangalore — 560001.

Date: **13-08-2018**

Dear Dr Rajamani,

The Telecom Regulatory Authority of India undertook to investigate the possibility of using distributed ledger technology (DLT) to build a platform for regulating telecom services in India, specifically the control of spam voice calls and SMS to begin with. A Regulation adopting the DLT as the RegTech for spam control was notified on July 19, 2018 and is available on our website.

During the consultation process that preceded the regulation, Microsoft and IBM stepped forward to demonstrate their technologies and solutions, and thus helped inform the decision-making at TRAI.

This letter is to acknowledge the role that Microsoft Research India played in the endeavour. The work was done by your team led by Mr Prashant Shukla, Microsoft's National Technology Officer, and Mr Satya Lokam, Senior Researcher, Microsoft Research India. Both provided exceptional leadership in guiding their team to develop the solutions we were looking for.

In this effort, I would like to specially highlight the contributions by Nishanth Chandran, Apurv Mehra, Sudheesh Singanamalla, and Siddharth Prakash from MSR Bangalore. Throughout our engagement, Microsoft team demonstrated deep serious intellectual commitment to formulate a long-term blockchain strategy for telecom services. This collaboration was productive due to coordinated contributions from Microsoft, such as:

- (i) Design focus on *privacy and security aspects of blockchain architecture* from Satya and Nishant,
- (ii) Scrubbing *database expertise and excellent implementation skills* on the entire prototype by Apurv and Sudheesh,
- (iii) Analysis of the *business scenarios* by Prashant and his team, and
- (iv) Overall *project management and coordination* by Siddharth.

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I'm sure you are aware of the work your team has done. However, I do take this opportunity to invite you for a broader discussion whenever you have an opportunity to visit the TRAI office in New Delhi.

Kind regards,



(Sunil Bajpai)
Principal Advisor (IT)

Copy to:

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