(22)

No. 10-1/2020-AS-IV
Government of India
Ministry of Communications
Department of Telecommunications
(Access Services – IV Division)

10th Floor, Sanchar Bhawan, New Delhi
Date: 08.03.2022

To,
Dr. Rajkumar Upadhyay,
Executive Director,
Centre for Development of Telematics (C-DoT)
C-DoT Campus, Mehrauli
New Delhi-110030

Subject: Implementation of facial recognition/matching algorithm & demographic information based solution on the subscriber database of cyber fraud hotspot areas identified by MHA – DIU project.

This is in reference to letter dated 26.03.2021 by which C-DoT was attached for assisting in system design regarding implementation for Digital Intelligence Unit (DIU) project. Accordingly, a draft Detailed Project Report(DPR) for the implementation of following systems for prevention and detection of the frauds committed through misuse of telecom resources was submitted by C-DoT:

i. Central Telecom Subscriber Database system (CTSDS)
ii. Grievance Redressal System named SATHI
iii. MNP fraud prevention database system (MFPDS)
iv. Calling line name identification System (CLNIS)

2 The DPR was presented to Secretary(T) on 25.02.2022. During the presentation, it was decided that the facial recognition/matching & demographic information based solution for curbing of cybercrimes should be implemented in the cyber fraud hotspot areas identified by MHA with the priority and without any delay.

3 C-DoT has already started working on facial recognition/matching algorithms and considering the fact that the robustness of algorithm can only be built over a time period by continuous working on the dataset through Machine Learning (ML)/ Deep Learning (DL). Therefore, as a Proof of Concept(PoC), C-DoT is requested to implement the facial recognition/matching algorithm on the subscriber database of cyber fraud hotspot areas identified by MHA.

4. The subscriber database will be provided in phased manner to C-DoT by AS wing from Telecom Service Providers (TSPs) and the result after processing of data will be shared to respective LSA by AS wing for taking further course of actions.

(Rohit Jain)
ADG (AS-IV)

Copy to:

i. **MHA**
ii. **I4C, MHA**
iii. All TSPs

Copy for information to:

i. **PS to Secretary(T)**
ii. **PS to Member(T)**
iii. **PS to Member(S)**
iv. **DG(T)**