

Subject: - **Cyber Security Advisory - Online Camera App – NoteCam Lite -GPS Memo Camera (Advisory No. 68)**

**Context.** Hostile Intelligence Agencies (HIAs) are using online Camera apps to gather data including grid references of military installations / sensitive locations, one such app is NoteCam Lite – GPS Memo Camera (Details at **Annex-A**), which is an android app and is available on Google Play Store.

2. Technical probe of app revealed following information:

- a. NoteCam Lite – GPS Memo Camera is a free app developed by Derekr Corporation on 12<sup>th</sup> May, 2015 and has been downloaded 10M + times so far.
- b. Derekr Corporation is a Taiwan based Android developer active since 2013 which has also developed Pro version of this app i.e. NoteCam Pro.
- c. NoteCam Lite – GPS Memo Camera is combined with GPS information (including latitude, longitude, altitude, accuracy, time and comments).
- d. NoteCam Lite -GPS Memo Camera collects following data of users:
  - (1) **Location.** Access precise location (GPS and network-based) and access approx. location (network-based).
  - (2) **Storage.** Read, modify or delete contents on SD card.
  - (3) Advertising ID permission.
  - (4) Run foreground services.
  - (5) Google Play license check.
  - (6) Have full network access.
  - (7) View network connections.
  - (8) Prevent phone from sleeping.

3. In order to counter the above mentioned HIA's trap, ensure strict compliance of the following aspects:

- a. Using any app which provides services for provision of map coordinates particularly NoteCam Lite – GPS Memo Camera and NoteCam Pro-Photo with Notes be avoided.
- b. Moreover, any such app which provides services for provision of map coordinates be treated as banned app particularly NoteCam Lite – GPS Memo Camera and NoteCam Pro-Photo with Notes.

4. Government / Armed Forces personnel be sensitized to avoid taking pictures of military /sensitive installations and surroundings to avoid any pilferage.

**NOTECAM LITE - GPS MEMO CAMERA**

