

NATGRID



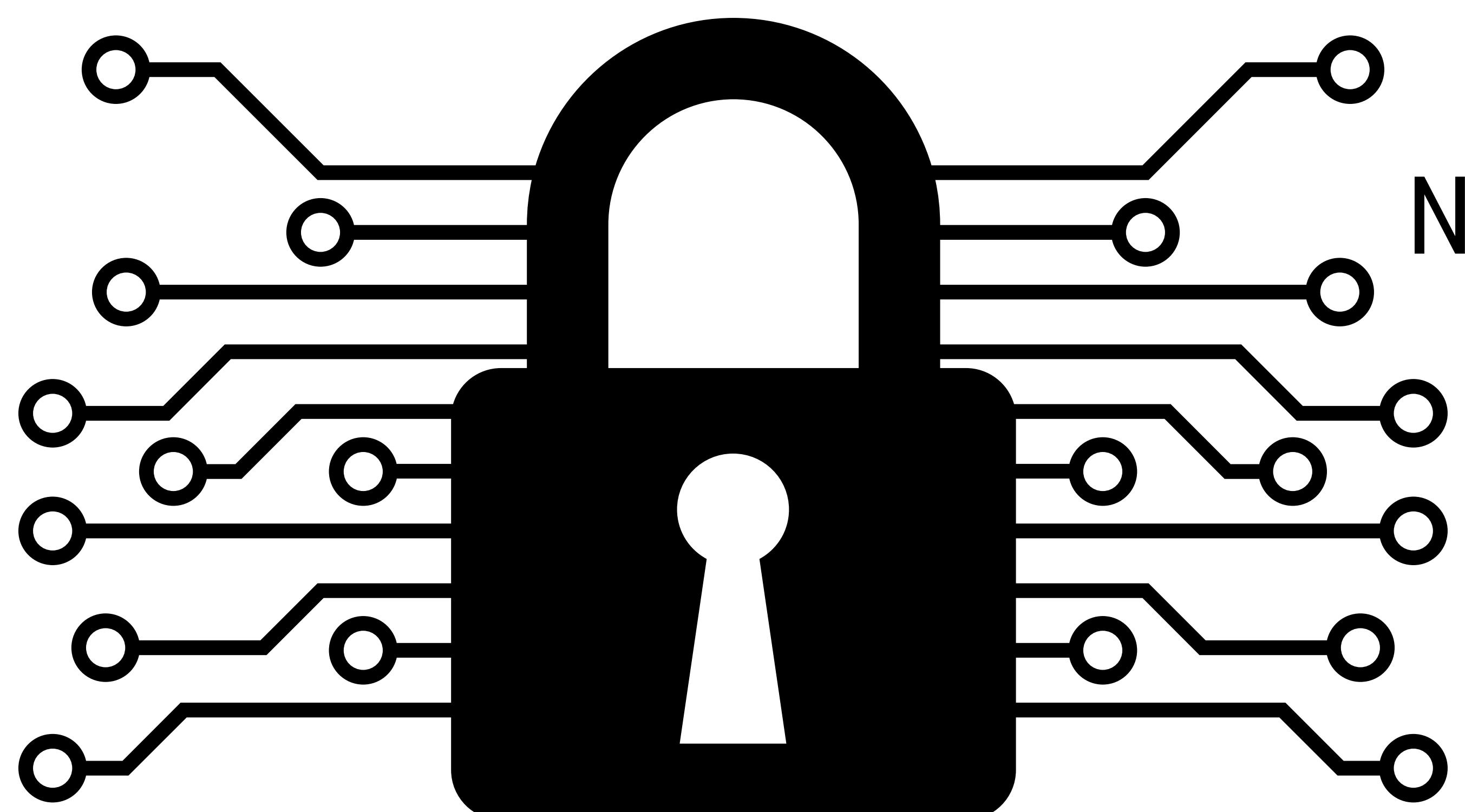
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What is NATGRID?



The National Intelligence Grid (NATGRID) is an attached office under the Ministry of Home Affairs which aims to create an online database for collating scattered pieces of information of core security agencies and putting them on one platform.

The 26/11 attacks on Mumbai led to the exposure of several weaknesses in India's intelligence gathering and action networks



NATGRID is part of the radical overhaul of the security and intelligence apparatuses of India

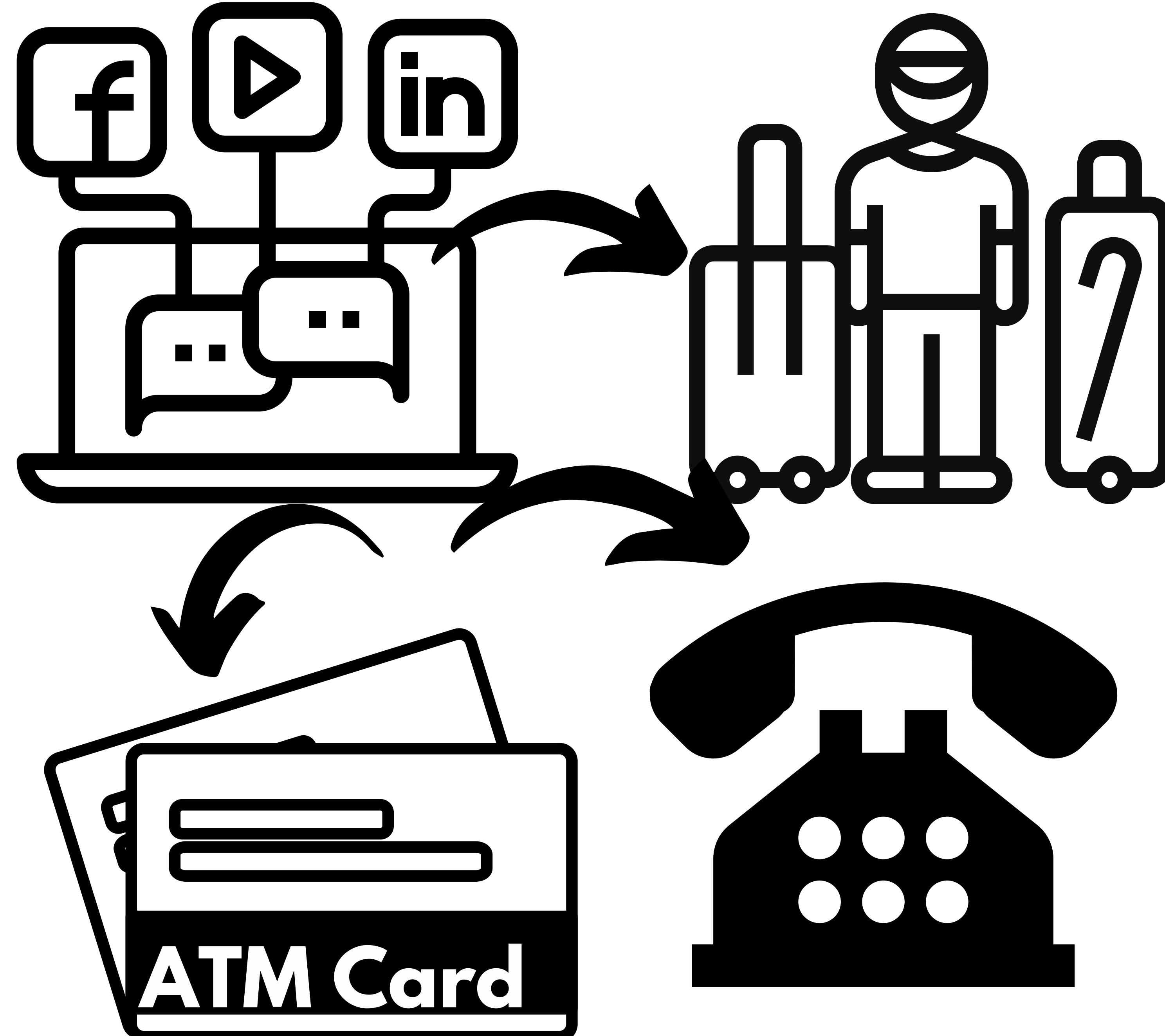
NATGRID is being implemented in four different phases, the first two were operationalised in 2014.



At least **10 central agencies** like Intelligence Bureau (IB), Research and Analysis Wing (R&AW) and others will have access to the data on a secured platform.

The 10 user agencies will be linked independently with certain databases that would be **procured from 21 providing organisations** and include telecom, tax records, bank, immigration, etc. to enable the generation of intelligence inputs.





Why in News?

The NATGRID project is likely to link social media accounts to the huge database of records related to immigration entry and exit, banking and telephone details among others.

Concerns:

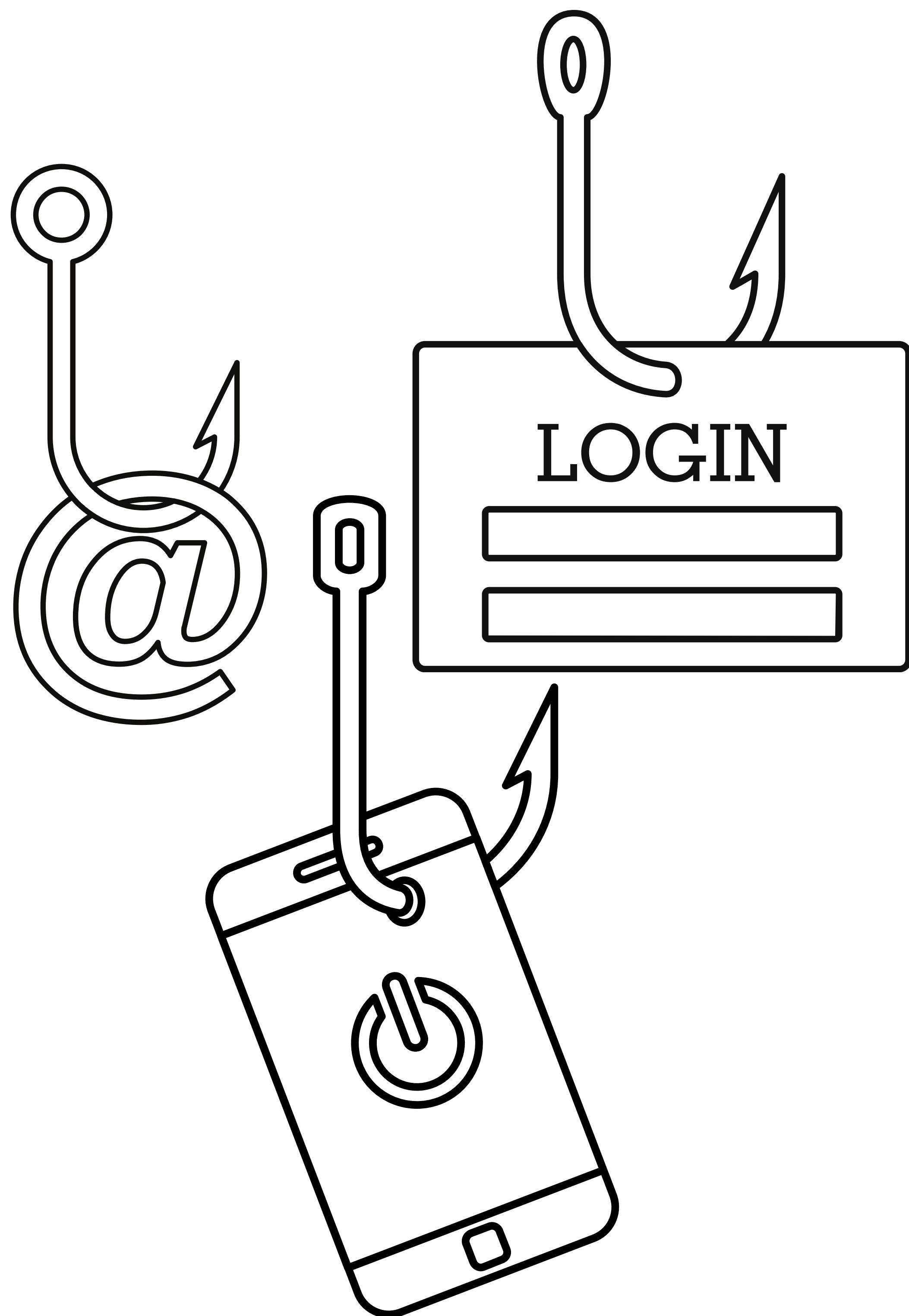
The proposal has received resistance from the intelligence agencies, whose officials fear that linking the social media accounts to sensitive government data could expose the system to **cyber attacks**.



Related information

Types of cyber attack

PHISHING - Phishing is a form of social engineering where a criminal hacker tries to trick the user into clicking a malicious link or downloading an infected attachment or divulging sensitive or confidential information.



RANSOMWARE- is a type of malicious software designed to deny access to files until, or threaten to publish the victim's data unless, a ransom is paid.

A **DDoS** (distributed denial-of-service) attack attempts to disrupt normal web traffic and take a site offline by overwhelming a system, server or network with more access requests than it can handle.



A computer **virus** is a type of malicious code or program written to alter the way a computer operates. Much like a flu virus, it is designed to spread from one computer to another, without the user's knowledge.