

corporations
wikileaks
servers internet backdoor
remote administration tools SSL government
trojan root data
bitcoin spoofing
porn data dump
adwares keylogger
antivirus
blackhat
database
whitehat
firewall
worms
script kids
malwares distributed denial of service defacement
world wide web surveillance stuxnet encryption
access warez
activism

denial of service
financial institutions
dark web
cyberspace
anonymous
hackers

cross site scripting
information technology
social engineering
privacy

CYBER SECURITY



Fraudsters target the elderly, late adapters of technology

Mehna.Das@timesgroup.com

Forced into a virtual world where money slips between digital wallets, frauds of all kinds spiralled during the pandemic. But it's never been easier for online scammers to cash in on those they think are more likely to be caught in their crosshairs — the elderly.

Not a week passes without news of cybercriminals disproportionately targeting older folks above the age of 60. And when they lose money, it's big bucks. With their lifetime of savings and a more trusting demeanour, these late adopters of technology are popular prey for fraudsters who call using different tactics — kind words, attention and a sense of connection or frighten, warn and bully them into relenting.

Namita Rao, 75 from Bandra, is still in denial that the well-spoken man who called her last month — in the guise of her mobile phone service provider offering to help update her KYC — siphoned off a big chunk of her hard-earned money. "I don't know what came over me. I usually delete messages from unknown numbers but this one got me hassled because my phone is my only connection with the outside world," says Rao, an elderly retiree who has a pension of Rs 6000 for the past 25 years. "The caller went from aggressive to friendly to sympathetic. He knew how to win me over and I was mesmerised. Didn't realise that something was wrong until I called my neighbour." To her horror, Rao had been defrauded of Rs 70,000 out of the Rs 98,000 she had in the bank.

If KYC updation is one of the top scams targeting seniors, other forms of financial cyber frauds include fake insurance schemes, online marketplace where scammers pose as genuine buyers or sellers, and romance scams where men pretending to be women approach them on social media promising a happy future and then swindle them out of their savings.

If the modus operandi for e-shopping is to send a malicious QR code designed to duped unsuspecting seniors into handing over their banking or personal information, those pretending to be from a bank, credit card or mobile phone company get victims to either elicit an OTP or download an app that gives them remote access to the senior's device.

HOW TO AVOID AND DETECT ELDER FRAUD

TIPS TO STAY SAFE

- A bank or mobile service provider will never ask for passwords, OTP or PIN. Do not share these with anyone via sms, voice or email
- Limit the number of apps to use
- Do not trust helpline numbers that Google throws up
- To receive payment you do not need to enter PIN or scan a QR code
- Beware of impersonation, a technique where fraudsters create fake profiles of a relative or friend and ask for money
- Create passphrases instead of passwords because these are complex yet easy to remember
- Report a cyber financial fraud immediately on the govt helpline **155260**

(Recommended by Ritesh Bhatia, cyber investigator)



"Data thefts have become a popular way for scammers to obtain confidential information. Recently a 'amous pizza delivery chain's data was stolen, which meant that their customers' names, addresses, debit card numbers and phone numbers were compromised. Such data is then illegally sold on the dark web and bought by scammers who contact the people on those lists. When a con man calls and claims to know a person, he knows how to develop credibility and manages to defraud them," explained Vashasvi Yadav, special KCP Maharashtra Cyber department.

The caller went from aggressive to friendly to sympathetic. He knew how to win me over and I was mesmerised. I didn't realise that something was wrong until I called my neighbour. I was defrauded of nearly Rs 70,000

Namita Rao | BANDRA, RESIDENT

While Maharashtra has recently started operations under a centralised helpline — 155260 — launched last year for cyber fraud victims to report an incident with police, banks, e-wallets integrated into it prevent the flow of money siphoned off by fraudsters. Yadav feels that financial institutions need to move to "intervene, protect and improve online financial literacy" among seniors. "Banks offering online transactions should conduct orientation courses made mandatory through an executive order or law," he says, adding that senior citizens shouldn't have the time or patience to talk to them. It's important to hire tech-savvy seniors technology but also teach them how to use it safely," says Bhatia.

Scammers know that if they say the right words, a senior will do anything to make things right.

Sixty-five-year-old Hari Daga, who finds himself fielding sales calls all day for his cloth business in Andheri could not afford to waste time when a scammer messaged that his phone was about to get blocked if he did not update his KYC instantly. "I was afraid that my business would get disrupted. I followed his instructions and I realised my money was gone," recalls Daga who was duped of Rs 90,000.

Another hurdle that seniors face is embarrassment, and therefore less likely to report a scamming incident out of fear when his own father was on the verge of being coaxed by a cyber thief. "I took control at the risk of time and salvaged his lifelong savings but felt very guilty for failing to create awareness in my own house. Hundreds like me are failing to secure elders in a digital world. Maybe because we

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"I've been duped of a whopping Rs 2.7 lakh last month was so ashamed that for the first few minutes of conversation, I kept hesitatingly and reluctantly only after being assured that his real name wouldn't be used. "I haven't told anyone in my family or my friends. I wasn't going to complain to the police either until the bank told me they would need an FIR copy to investigate," says Dias, trying to reassure that his reflexes are as sharp as anyone social and active.

Four years ago I did a road trip from Mumbai to London and back. I've also done multiple online transactions for hotel or flight bookings. Yet, I don't know how I could be so stupid and get hypnotised by the caller," he raves.

The effect of being taken in by scammers can be psychologically damaging to vulnerable elders. If Daga's confidence has taken a beating, Dias lived in fear for a few weeks after the scam, fearful that the fraudsters might trap him physically. Rao is back to her old school ways. "I got a smartphone just five years ago to talk to people," she says until the lockdown pushed her to find another use for her phone — e-wallets for online payments.

Cyber police cracked 59% of cases in '21, local cops 13%

Mumbai: The cybercrime detection rate in the city's five regional cyber police stations was 59% in 2021, better than the 13% at the 94 police stations. Of the 2,685 cyber offences reported last year, 2,724 were registered at police stations and 159 with cyber cops.

According to the annual report 2021, cybercrime cases rose 18% last year compared to 2020 (2,435 cases). Detection rate, however, remained low — 16%. In 2020, it was 9%.

To improve its detection rate, Mumbai Police has made an allocation of Rs 25 crore to procure cyber tools. "Police face difficulty in detecting online frauds that are mostly committed by youngsters in remote locations from Jharkhand, Bihar, Rajasthan and West Bengal," said joint commissioner of police (crime) Milind Bharambe.

Blaming the time-consuming procedures of social media intermediaries for the low detection rate, Mumbai police commissioner Hemant Nagare urged victims to contact police within the 'Golden Hour'. "In 2021, cyber police managed to halt fraudulent online transactions totalling Rs 6 crore as the victims approached us within an hour after being duped," he said. "Cyber criminals are faceless and the servers used are mostly located out of India. We are developing separate units at police stations and training officers for detection of cyber cases, with support from the five cyber police stations."

Cyber expert Ritesh Bhatia concurred that lack of support by intermediaries, including social media platforms, banks and digital payment providers, results in delay that discourages both police and citizens. Cyber lawyer Prashant Mali attributed the dismal detection rate to "low technical and forensic skills" among cops. "Even the emergency helpline is still not implemented in Maharashtra to stop money from being siphoned from bank accounts or via online frauds," he added. — V Narayan

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 Details available for viewing
 Portal: <http://npsc.co.in/procurement>
 e-mail: enquiry@npsc.co.in
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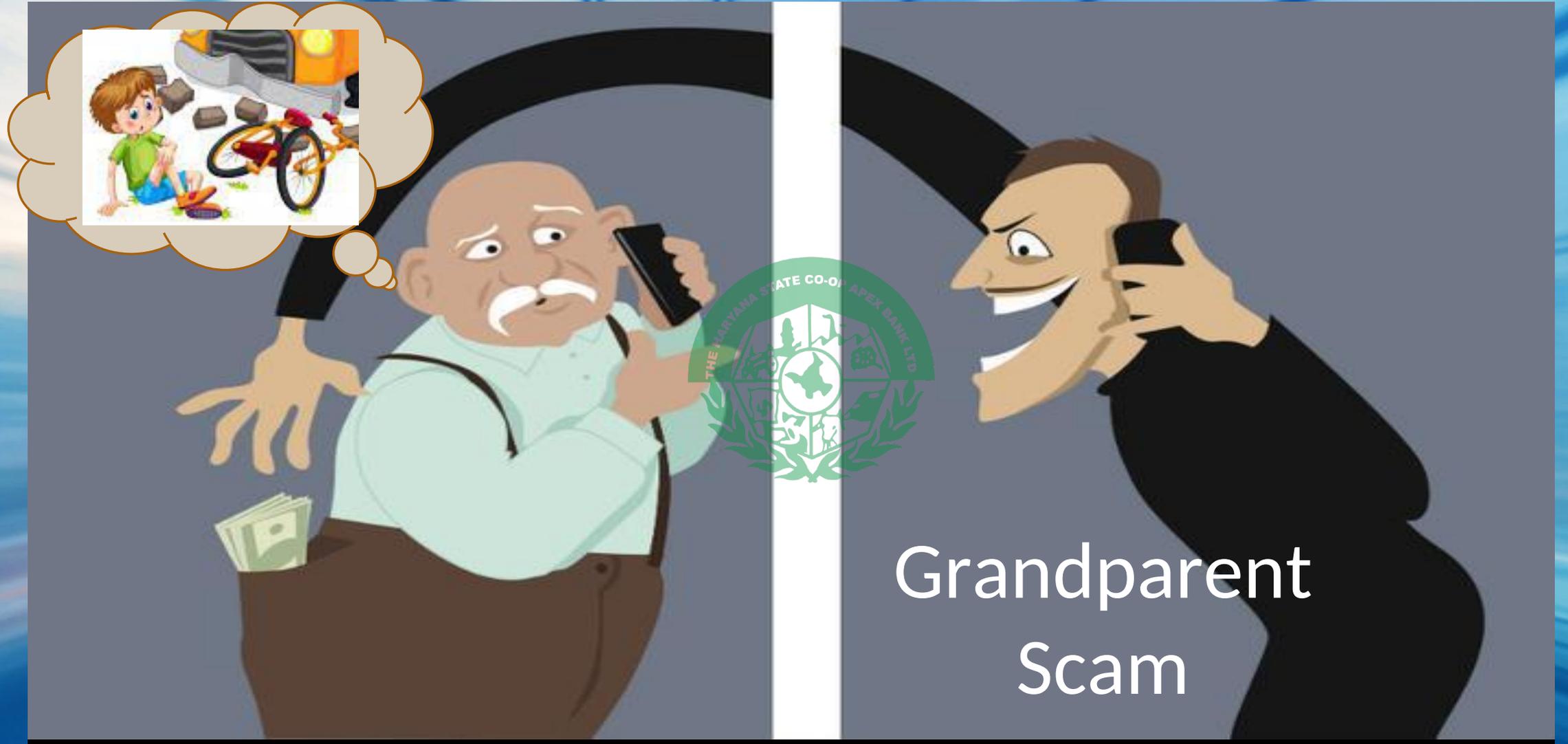
INDIAN RAILWAYS
PATIALA LOCOMOTIVE WORKS
 (Formerly Patiala Locomotive Works)
PATIALA - 147003
 Tel: 22590000, 22590001, Fax: 0172-226413, 2265370
 Notice Inviting Electronic Tenders
 On behalf of President of India Principal Chief Materials Manager/PC/M invites tenders in electronic form for the following items:
 e-tender Notice No. 43/E/2022-22

Sl. No.	Description	Qty.	Tender closing date
1	10011882A - Floor End Rail Fr. Scales	600 Nos.	18.03.2022
2	10011882B -		

Top 10 cybercrime epicentres



Source: Future Crime Research Foundation



Grandparent Scam

Retd Col's wife falls for KYC-SIM card con

TNN / Jan 30, 2022, 04:10 IST

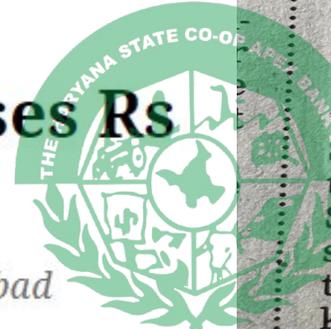
Chandigarh: Downloading links to update her know your customer (KYC) for her SIM card cost a Sector 18 resident Rs 10 lakh in a case of online fraud.

KYC Frauds: Retired RBI employee falls prey to a scam, loses Rs 3.38 lakh; Here's how to remain safe

Home > Cities > Hyderabad

Pilot falls prey to KYC fraud, loses Rs 1 lakh

The police said the victim, a resident of Kokapet under Cyberabad commissionerate, fell prey to KYC fraud.



Bank manager loses ₹60K in KYC fraud

Mumbai: A 48-year-old woman working as a manager with a nationalised bank fell victim to the online KYC (know your customer) update fraud and lost Rs 60,000.

The woman, who lives in Powai, had called a number that she received in an SMS alert to contact for updating her PAN with the app of a bank with which she holds a savings account.

She first tried to upload the PAN by herself but failed. She then called the number that she had received via SMS, and the person who responded to the call immediately agreed to help her, and asked for her banking details

which she shared along with the one-time password.

Immediately, money was debited from her account. She again called the person inquiring about the money debited from her account. "The person told her that the money was deducted by mistake. He asked her to share with him another OTP sent to her to reverse the transaction," the police said. The bank manager got suspicious and did not share the OTP. She then filed a complaint with the bank and the Powai police.

Powai police said they have sought details from the bank to get the money trail. -V. Narayan

Home / Cities / Chandigarh / Online KYC fraud: Punjab woman cheated of Rs 10 lakh, probe on

Online KYC fraud: Punjab woman cheated of Rs 10 lakh, probe on

The Chandigarh Police cyber cell has been urging people not to share any details or respond to any calls seeking personal information about their accounts.

Mumbai: Retired bank manager falls to online KYC fraud, loses Rs 3 lakh

On receiving SMS alerts from the bank about the money being withdrawn, the complainant called his bank's customer care number and blocked his account.

By: **Express News Service** | Mumbai |

October 26, 2021 9:20:09 am

Nation

EOW arrests two fraudsters for cheating crores of rupees impersonating as RAW, IAS officer

The complainant alleged that the accused Rajesh Gahlot, Surya Mani Tripathy and Amit Kumar by entering into a criminal conspiracy with another accused had cheated the complainant and his son with the help of another lady who impersonated as Treasury Officer in respect of Rs.1.17crores on the pretext of arranging work orders for them in Works Department of Odisha government.



Date: 01/09/2021

BEWARE OF FAKE KYC LINKS!
SBI NEVER SENDS ANY SUCH MESSAGES

Dear customer Your SBI Bank Account has been Blocked Plz Update your Document visit SBI website Click here to Update by Net Banking <https://sbikycupdate.online>

Dear customer Your SBI Bank Account has been Blocked Plz Update your Document visit SBI website Click here to Update by Net Banking <https://sbikycupdate.online>



Cyber fraud on rise during lockdown in Odisha

On Friday, a woman of Nayapalli lodged a complaint with cyber police alleging that cyber criminals looted Rs 60,000 on the pretext of updating her father-in-law's SIM card documents.

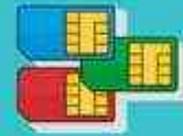
#PIBFactCheck 

STEP 1



The fraudster will collect your personal banking information through Smishing, Phishing, Vishing, or any other means.

STEP 2



After collecting all your personal information, fraudster will contact your mobile operator, showing your identity proof. He then applies for a duplicate SIM card.

SIM SWAP

STEP 3



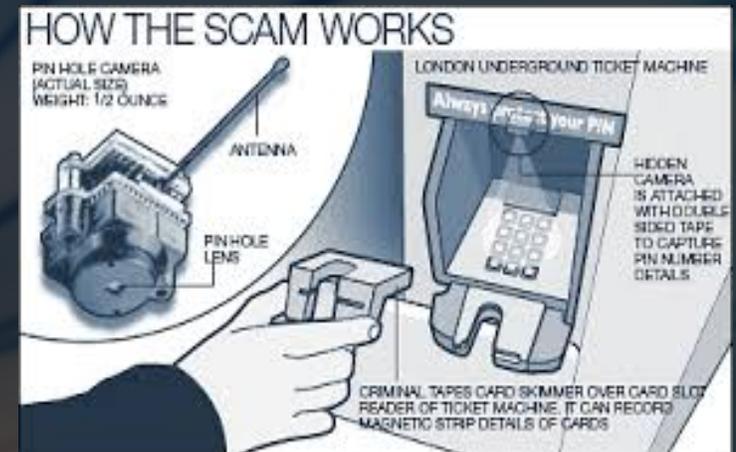
Later mobile operator will deactivate your original SIM card.

STEP 4



The fraudster generates an OTP on his own phone, using the duplicate SIM and then makes online banking transactions.

Beware of Card Skimmers



SAMPLE CASE

Vijay, the SBI customer and received three SMSes for debits in his savings bank account of **Rs.6,000/-**, **Rs.12,000/-** and **Rs.22,000/-** (total **Rs.40,000/-**) on **31.12.2024** at 9.00 pm. He came back to home branch on **05-01-2025** and complained about these transactions.

On investigation, it came to know that customer card data was **compromised at Urban Co-operative Bank ATM**, when Vijay used his card in that ATM for normal cash transaction.

By using compromised data fraudsters created cloned card and done above transactions.

REPORTING & RESOLUTION OF UNAUTHORISED ONLINE BANKING TRANSACTIONS COMPLAINTS

An unauthorized transaction is any transaction that customer **didn't make** and **didn't permit anyone else to make.**

Un-authorized (Fraudulent) transactions happens due to **negligence** of :

(A) CUSTOMER



(B) BANK

(C) 3rd PARTY,

i.e. other than the customer and his/her bank

3rd Party

SAMPLE CASE

Vijay, the SBI customer and received three SMSes for debits in his savings bank account of Rs.6,000/-, Rs.12,000/- and Rs.22,000/- (total Rs.40,000/-) on 31-12-2023 at 9.00 pm. On investigation, it came to know that customer card data was **compromised at Urban Co-operative Bank ATM**, when Vijay used his card in that ATM for normal cash transaction. By using compromised data fraudsters created cloned card and done above transactions.

Negligence

SAMPLE CASE

Vijay, the SBI customer and received three SMSes for debits in his savings bank account of Rs.6,000/-, Rs.12,000/- and Rs.22,000/- (total Rs.40,000/-) on 31-12-2024 at 9.00 pm. Mr. Vijay is so busy in casino in GOA, he ignored these messages. **He came back to home branch on 05-01-2025 and complained about these transactions.** On investigation, it came to know that customer card data was compromised at Urban Co-operative Bank ATM, when Vijay was used his card in that ATM for normal cash transaction. By using compromised data fraudsters created cloned card and done above transactions.



Reporting Time

SAMPLE CASE

Vijay, the SBI customer had received three SMSes for debits in his **savings bank** account of Rs.6,000/-, Rs.12,000/- and Rs.22,000/- (**total Rs.40,000/-**) on 31-12-2024 at 9.00 pm. Mr. Raja is so busy in casino in GOA, he ignored these messages. He came back to home branch on 05-01-2025 and complained about these transactions. On investigation, it came to know that customer card data was compromised at Urban Co-operative Bank ATM, when Vijay was used his card in that ATM for normal cash transaction. By using compromised data fraudsters created cloned card and done above transactions.

Account Type

What is LIMITED LIABILITY of CUSTOMER ?

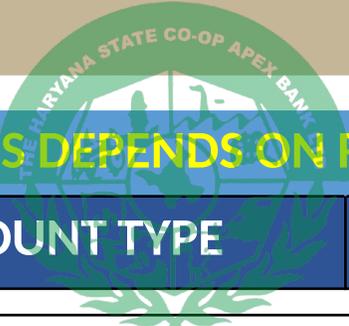
NEGLIGENCE	REPORTED ON	CUSTOMER LIABILITY	BANK LIABILITY
CUSTOMER	Up to reporting time	FULL	ZERO
	Once reported, further transactions using same information	ZERO	FULL
BANK	No conditions for reporting time	ZERO	FULL

3rd PARTY

CUSTOMER LIABILITY IS DEPENDS ON REPORTING TIME AND ACCOUNT TYPE

REPORTING TIME	ACCOUNT TYPE	CUSTOMER LIABILITY	BANK LIABILITY
0 TO 3 Working Days	ALL ACCOUNTS	ZERO	FULL
4 TO 7 Working Days	BSBD/PMJDY	up to 5000/-	>5000/-
	SB/MSME	up to 10000/-	>10000/-
	CA/OD	up to 25000/-	>25000/-
Beyond 7 Working Days	ALL ACCOUNTS	FULL	ZERO

WORKING DAYS AS PER HOME BRANCH



LIABILITY WILL BE CALCULATED PER TRANSACTION, HENCE REPORTING TO BE DONE TRANSACTION WISE

Sample Case

Vijay, the SBI customer had received three SMSes for Rs.6,000/-, Rs.12,000/- and Rs.22,000/- (total Rs.40,000/-) on 31-12-2023 at 9.00 pm.

Mr. Vijay was so busy in casino that he ignored these messages transactions in his Savings Bank Account.

He came back to home branch on 05-01-2025 and complained about these transactions.

On investigation, it came to know that customer card data was compromised at Urban Co-operative Bank ATM, when Raja was used his card in that ATM for normal cash transaction.

By using compromised data fraudsters created cloned card and done above transactions.

In this case who has to bear/compensate the loss and how much?

Who is negligent in this case?

How much amount bank must pay for these transactions

Reporting time of these transaction, in terms of days if no holidays between 31-12-2023 to 04-01-2024?

(Third Party negligence, Reported in 4-7 days, SB account) : Rs.14000/-

Nil for Rs.6000/- , Rs.2000 for Rs.12000/- and Rs.12000 for Rs.22000/- txn



HOW TO IDENTIFY THE CALLER?



Several apps can help you identify the caller ID on your phone. Some popular options include [Truecaller](#), [CallApp](#), [Tellows](#), [Mr. Number](#) and [Eyecon](#) all of which offer free versions with various premium features. These apps can also help you block unwanted calls and SMS.



A close-up photograph of a smartphone screen. The screen displays the text 'Scam Caller Telemarketer' in white on a dark blue background. A green circular logo for 'HARYANA STATE CO-OP APEX BANK LTD' is overlaid on the text. The phone's status bar at the top shows a signal strength icon, the time '1:35', and a battery icon. The phone is resting on a wooden surface, and a wooden gavel is visible in the background.

Use Caller ID apps

But, don't trust them blindly.

India among top 3 countries most targeted for phishing: Report

Cyber frauds dupe man of Rs 1.19 lakh

TNN / Updated: Jun 15, 2021, 12:12 IST

JAIPUR: A man was cheated of Rs 1.19 lakh by unknown online conmen on pretext of helping him get a waiver on the annual fees for his credit card. The victim lodged a case of cheating against the unknown accused on Sunday.

सावधान! केवाईसी अपडेट के नाम पर हो रहा फ्रॉड जमशेदपुर में एक माह में 18 केस, निशाने पर बुजुर्ग

साइबर ठग की ओर से भेजे गये डिजिटल लिफ्टाफ पर विलाक करते ही बैंक खाता खोलने के नाम पर साइबर ठगों को ठग रहे हैं. वीते कुछ समय से जमशेदपुर के साइबर थाने में ऐसे कई मामले सामने आये हैं, जिसमें लोगों को घर बैठे केवाईसी करवाने की सुविधा के नाम पर ठग गया. इनमें सोनियर सिटीजन की संख्या अधिक है. साइबर ठगों द्वारा लोगों के पास फोन कॉल, एसएमएस और ई-मेल के माध्यम से कला जा रहा है कि केवाईसी अपडेट करवा ले नहीं तो बैंक खाता बंद हो जायेगा. गिराव के सदस्य पहले बीएसएनएल के मोबाइल नंबर पर सिम बंद होने का मैसेज भेजकर केवाईसी कराने की बात कहते हैं. इस तरह श्राद्धक की भरसे में लगे के बाद ऑनलाइन सखीग के नाम पर एटीएम का नंबर व सीवीवी नंबर प्राप्त कर लेते हैं. इसके बाद बैंक खाते से रुपये उड़ा लेते हैं. ऐसे मामलों में साइबर चोरों की उपभोसा के खाते की पूरी जानकारी होती है. बिष्टपुर साइबर थाना में एक माह में केवाईसी अपडेट के नाम पर रुपये निकासी की 18 शिकायतें दर्ज करायी गयी हैं.

जिस दिन बैंक में अवकाश, उस दिन ठगी ताकि ट्रांजेक्शन को रोकना नहीं जा सके

केवाईसी अपडेट के नाम पर साइबर ठगों को ठग रहे हैं. वीते कुछ समय से जमशेदपुर के साइबर थाने में ऐसे कई मामले सामने आये हैं, जिसमें लोगों को घर बैठे केवाईसी करवाने की सुविधा के नाम पर ठग गया. इनमें सोनियर सिटीजन की संख्या अधिक है. साइबर ठगों द्वारा लोगों के पास फोन कॉल, एसएमएस और ई-मेल के माध्यम से कला जा रहा है कि केवाईसी अपडेट करवा ले नहीं तो बैंक खाता बंद हो जायेगा. गिराव के सदस्य पहले बीएसएनएल के मोबाइल नंबर पर सिम बंद होने का मैसेज भेजकर केवाईसी कराने की बात कहते हैं. इस तरह श्राद्धक की भरसे में लगे के बाद ऑनलाइन सखीग के नाम पर एटीएम का नंबर व सीवीवी नंबर प्राप्त कर लेते हैं. इसके बाद बैंक खाते से रुपये उड़ा लेते हैं. ऐसे मामलों में साइबर चोरों की उपभोसा के खाते की पूरी जानकारी होती है. बिष्टपुर साइबर थाना में एक माह में केवाईसी अपडेट के नाम पर रुपये निकासी की 18 शिकायतें दर्ज करायी गयी हैं.

RBI, CID warn of frauds using remote access app

Synopsis
The cyber crime police have filed 30 cases of such a fraud in the past two months.

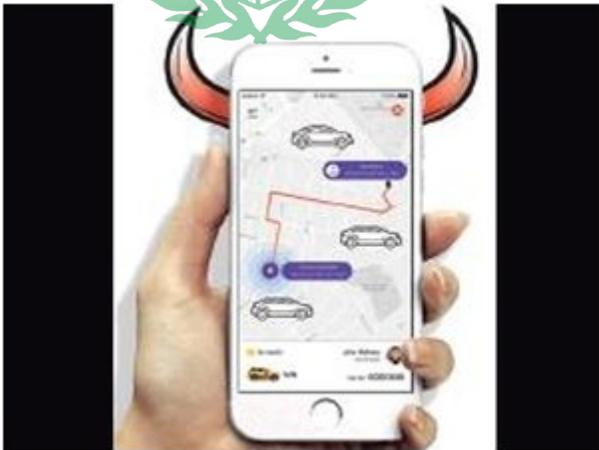


The conman still needs the one-time-password (OTP) to complete the transaction, which the user provides him, still under the impression that the conman is a customer care personnel.

By Tushar Kaushik

BENGALURU: The criminal investigation department (CID) of the city police and Reserve Bank of India (RBI) have cautioned citizens about a new mode of online fraud: conmen making fraudulent transactions by misusing the 'AnyDesk' app.

Two users conned by Ola driver, lose e-wallet money in fraud



(This story originally appeared in **TOI** on Apr 06, 2019)

MUMBAI: Two finance professionals lost Rs 14,000 in a fraud involving the app of a cab aggregator and its e-wallet within the space of minutes on Friday morning.



Remote APP Frauds



Man doesn't share OTP, yet ends up losing ₹75K

Goregaon resident says he was told to download a message forwarding app while ordering food online; expert says advisory needed on the new method

FAIZAN KHAN
faizan.khan@mid-day.com

THE Powai police have registered a case of cyber fraud where the victim did not share any OTP with anyone but still lost nearly ₹75,000. Experts said this is a new method in which fraudsters misuse the features of a messaging app to steal money.

As per the complaint filed by Prateep Prabhakar, 45, was conned while trying to order breakfast online on 8-27. "I found Roma Cafe through an online app and called on the number available there, the person picked up the call and said he will call back in a while. Within two minutes I received a callback and he took my order details and later he asked me about the payment mode and I said that I will do a cash payment after receiving the order. The person then told me only an online payment option is available due to the pandemic and he forwarded me the link for the payment," reads the complaint by Prabhakar.

The police said the caller asked the complainant to get an app, "I just downloaded the SPRING SMS app and he added anyone's number for SMS forward. The moment the download was completed, I started receiving transaction alerts. I called the bank which breakfast and it was just ₹350. The person on the phone gave me full comfort and I didn't realise it could be a fraud," Prabhakar told mid-day.

Prabhakar then raised a dispute with his bank and approached the police in Goregaon where he lives, but he was asked to approach the Powai cops since he was at his workplace at the time of the fraud. He then filed an online complaint which was then forwarded to Powai.

According to Ritesh Bhasia, a leading cybercrime investigator and founder of VAWEB Cyber Security, this is something new he has come across and the government must inform the public about this method.

Users know it by heart not to share OTPs but cyber criminals always find a way to succeed in their dirty tricks. This time it's the use of SMS forwarding apps. The fraudsters convince the users to install an SMS forwarder such as SPRING SMS by which all the messages that are sent to the victim also get forwarded to a number specified by the fraudster who immediately misuses the OTP to complete financial transactions from the victim's account," Bhasia said.

The expert said although there are not many such apps on the Play Store and App Store, the platforms must carefully scrutinise the use of such apps. "Users on the other hand need to be aware of such apps and the harm they can cause. CERT In and all state cyber cells should also issue an advisory at the earliest so as to save more people from becoming victims," Bhasia added.

'Will look into the case'

An officer from the cyber police said they would need to check how the fraudster accessed the OTPs since the complainant had not added any number in the message forwarding app.

"Time and again we have been running awareness campaigns as far as cyber frauds are concerned. The first thing to avoid such frauds is people should stop sharing their details specially on the links. We will look into this case and if required will issue a cyber advisory," said Millind Bhatnagar, joint commissioner of police, crime.

10% cyber frauds detected this year

According to data compiled by the Mumbai police, 901 cyber frauds were reported in the city in the first five months of this month and just 92 cases were cracked. Of all these cases, 503 were related to credit cards, 19 were about social media profile morphing, email and text messages. There were 92 cases about obscure emails, SMS and MMS and cases were about phishing, hacking, tampering of source code, spoofing email and Nigerian fraud.

DAVA DISCOUNT FRANCHISE INVITES YOU TO JOIN OUR TEAM!

Assist

THE HARYANA CO-OP AGENCIES BANK LTD



A

Social Engineering Frauds



Social Engineering

What details should be shared with someone you meet online?

- Personal Information.
- Share Your Colleagues Phone Number.
- Bank Account Details.
- Username / Password etc.
- Property Details.
- Health Related Information.



What do you mean by Social Engineering?

Social engineering is a process to gain sensitive and confidential information through a friendly chat, over a drink, with kindness, etc.



There are no free lunches in this world

Tactics used to get you to bite are curiosity, urgency, fear and greed.

Find out more about **phishing.**



I
think
BEFORE I
click.

Phishing vs. spear phishing vs. whaling

Whaling is a specific type of spear phishing, and spear phishing is a specific type of phishing. Learn the differences below.

Phishing

A broader term that covers any type of attack that tries to fool a victim into taking some action. Does not have a specific target.



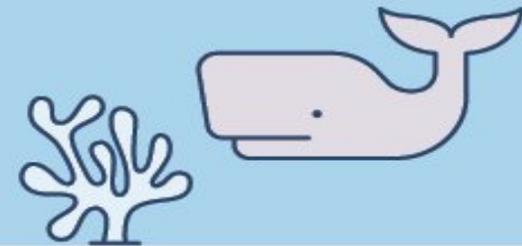
Spear phishing

A type of phishing that targets individuals.



Whaling

A form of spear phishing that targets high-ranking victims within a company.



Angler phishing is a type of phishing attack where a scammer poses as a customer service agent on social media. Often, angler phishers target victims by scanning social media posts to find dissatisfied customers



SMISHING ATTACK PHASES



1

The attacker sends a message containing a malicious link



2

The user opens the text, clicks on the link, and gives away private data



3

The data is used by the attacker to commit fraud or for profit making.



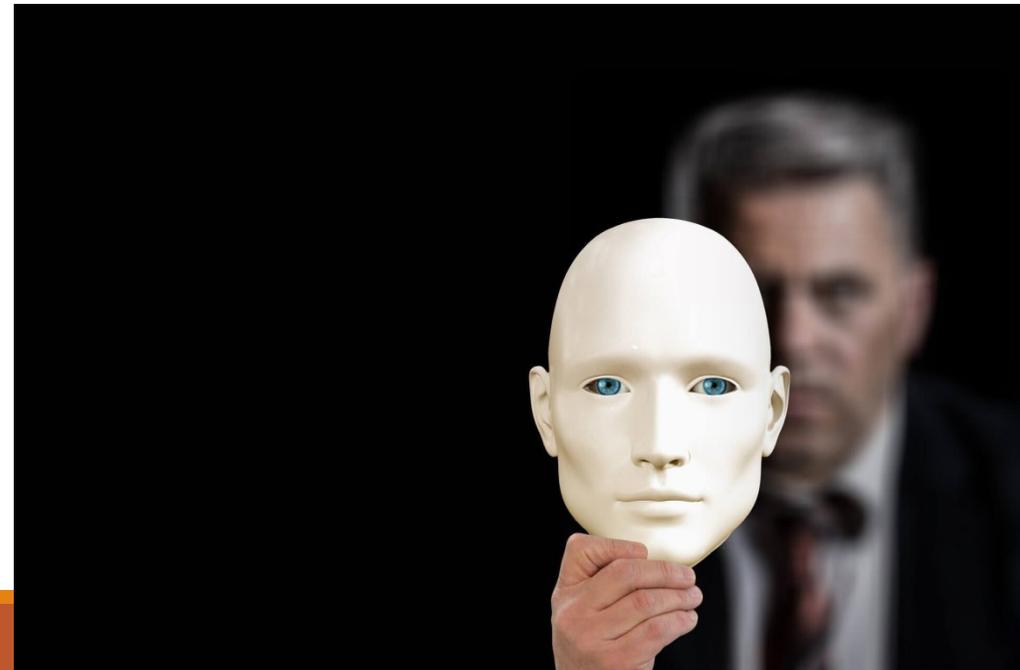
JUICE JACKING



RANSOMWARE ATTACKS

How to Defend against Social Engineering Attacks?

- Confirm the identity of the person, whom you are talking to.
- Do **NOT** discuss confidential information at public places.
- Do **NOT** discuss confidential information with strangers, people whom you have met briefly.
- Do **NOT** share passwords and account numbers over the phone or email.
- Do **NOT** be intimidated especially by name droppers.



How to start CyberSecurity?



Keep Yourself Aware

1. More than half of business surveys believe, a lack of knowledge, carelessness is the main reason leading to cyber frauds.

2. Your Cyber Security is only as strong as your awareness, and a data breach is more likely to come from human negligence rather than a criminal hack.

Password Security

Your house keys and locks are important security measures for your house.

How do you choose locks or keep keys from being stolen and broken by a thief?



- Protect the house by putting a strong lock.
- Do NOT share the house key with a stranger.
- Do NOT leave the key unattended.
- Do NOT tell where you have kept the house key to a stranger.
- Don NOT keep the key in open, near a window or anywhere it is accessible to others.
- Choose a key which is difficult to copy.

Password Security

- Create longer password.
- Use Special Character and digit.
- Change password regularly.
- Keep unique and strong password for different account.
- Keep your password safe with you.
- Don't use consecutive letters, dictionary word or personal information

A **passphrase** is a sentence-like string of words used for authentication that is longer than a traditional **password**, easy to remember and difficult to crack.

Passphrase Security



Phrase	Password
I got my first job at 22.	Igmfj@22.
My son was born on 14 th	Mswbo14#
My favourite Bollywood star is Amitabh Bachhan.	Mfb*1\$ab.

Brute Force Attack

A brute-force attack is an attempt to discover a password by trying every possible combination of letters, numbers, and symbols until the correct password is discovered.

(e.g. a,aa,aaa to zzzzzzzzzz, azbyex etc.)

number of Characters	Numbers only	Upper or lower case letters	upper or lower case letters mixed	numbers, upper and lower case letters	numbers, upper and lower case letters, symbols
3	Instantly	Instantly	Instantly	Instantly	Instantly
4	Instantly	Instantly	Instantly	Instantly	Instantly
5	Instantly	Instantly	Instantly	3 secs	10 secs
6	Instantly	Instantly	8 secs	3 mins	13 mins
7	Instantly	Instantly	5 mins	3 hours	17 hours
8	Instantly	13 mins	3 hours	10 days	57 days
9	4 secs	6 hours	4 days	1 year	12 years
10	40 secs	6 days	169 days	106 years	928 years
11	6 mins	169 days	16 years	6k years	71k years
12	1 hour	12 years	600 years	108k years	5m years
13	11 hours	314 years	21k years	25m years	423m years
14	4 days	8k years	778k years	1bn years	5bn years
15	46 days	212k years	28m years	97bn years	2tn years
16	1 year	512m years	1bn years	6tn years	193tn years
17	12 years	143m years	36bn years	374tn years	14qd years
18	126 years	3bn years	1tn years	23qd years	1qt years

DICTIONARY Attack

A dictionary attack is based on trying all the strings in a pre-arranged listing. Such attacks originally used words found in a dictionary (hence the phrase *dictionary attack*); however, now there are much larger lists available on the open Internet containing hundreds of millions of passwords recovered from past data breaches. There is also cracking software that can use such lists and produce common variations, such as [substituting numbers for similar-looking letters](#).



Wireless Security

Do NOT connect to public network for performing banking transactions

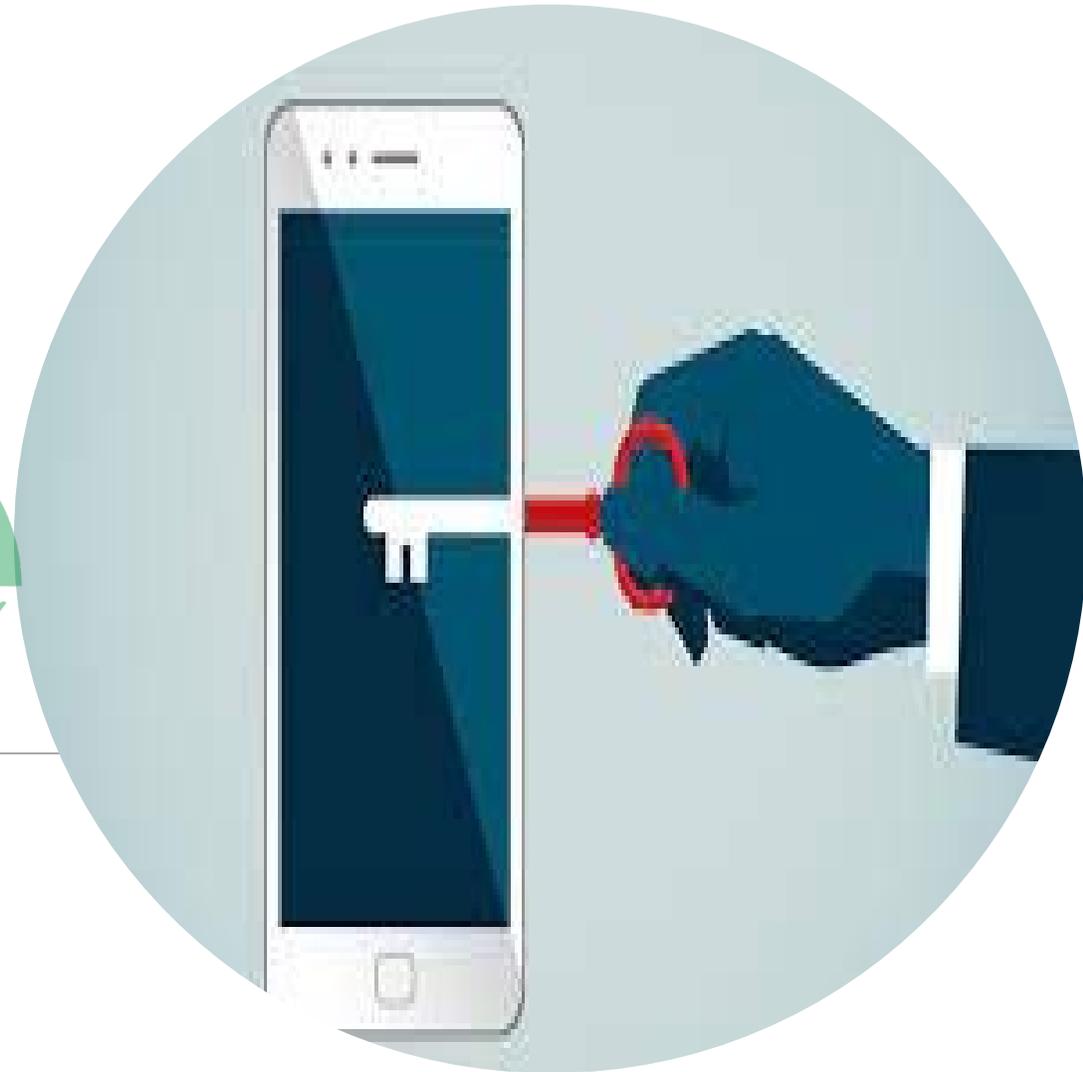


Do NOT disable your firewall or Anti-Virus software on your laptop.

Take particular care when using your laptop and mobile phone in any public environment.

YOU DON'T NEED SOMEONE
TO BREAK INTO A HOUSE,

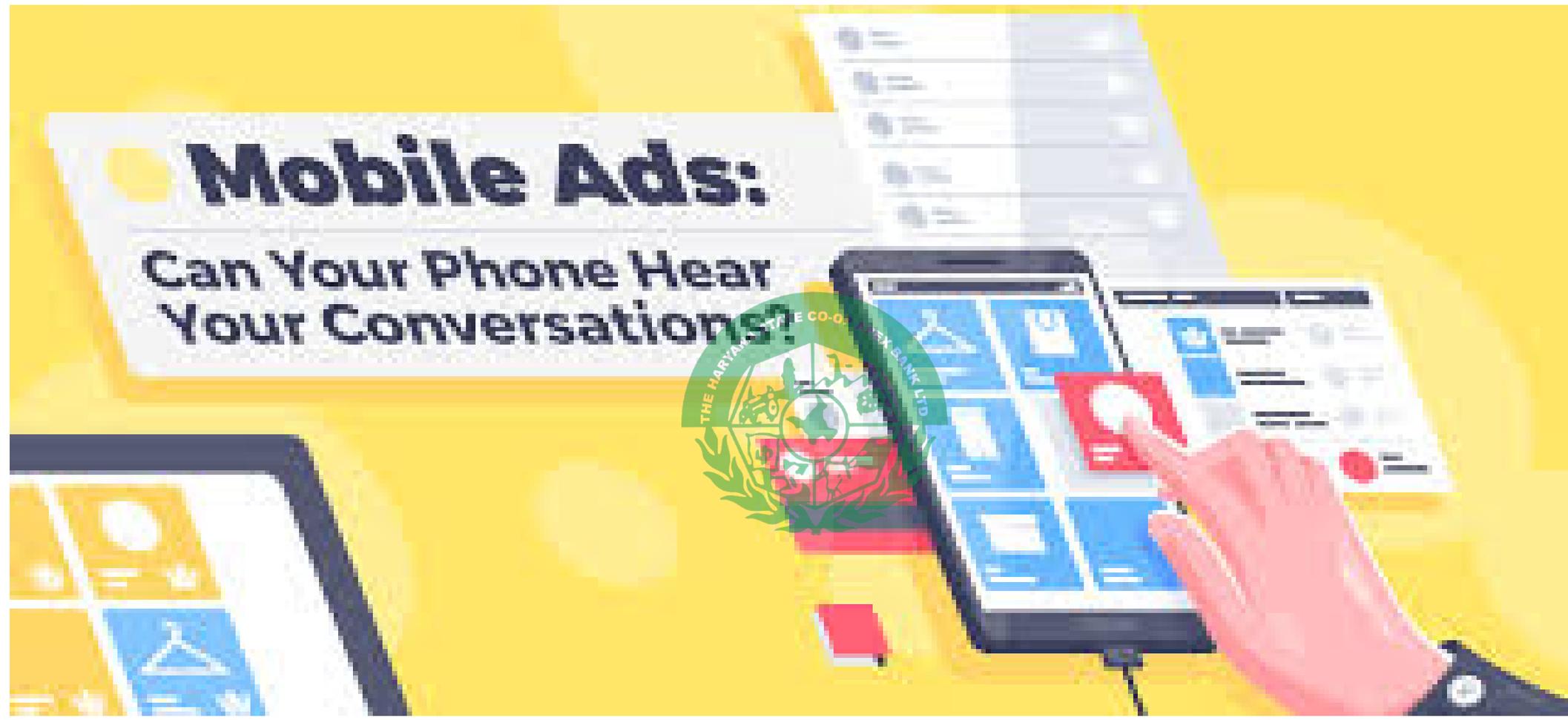
YOU JUST NEED SOMEONE
TO LET YOU IN.



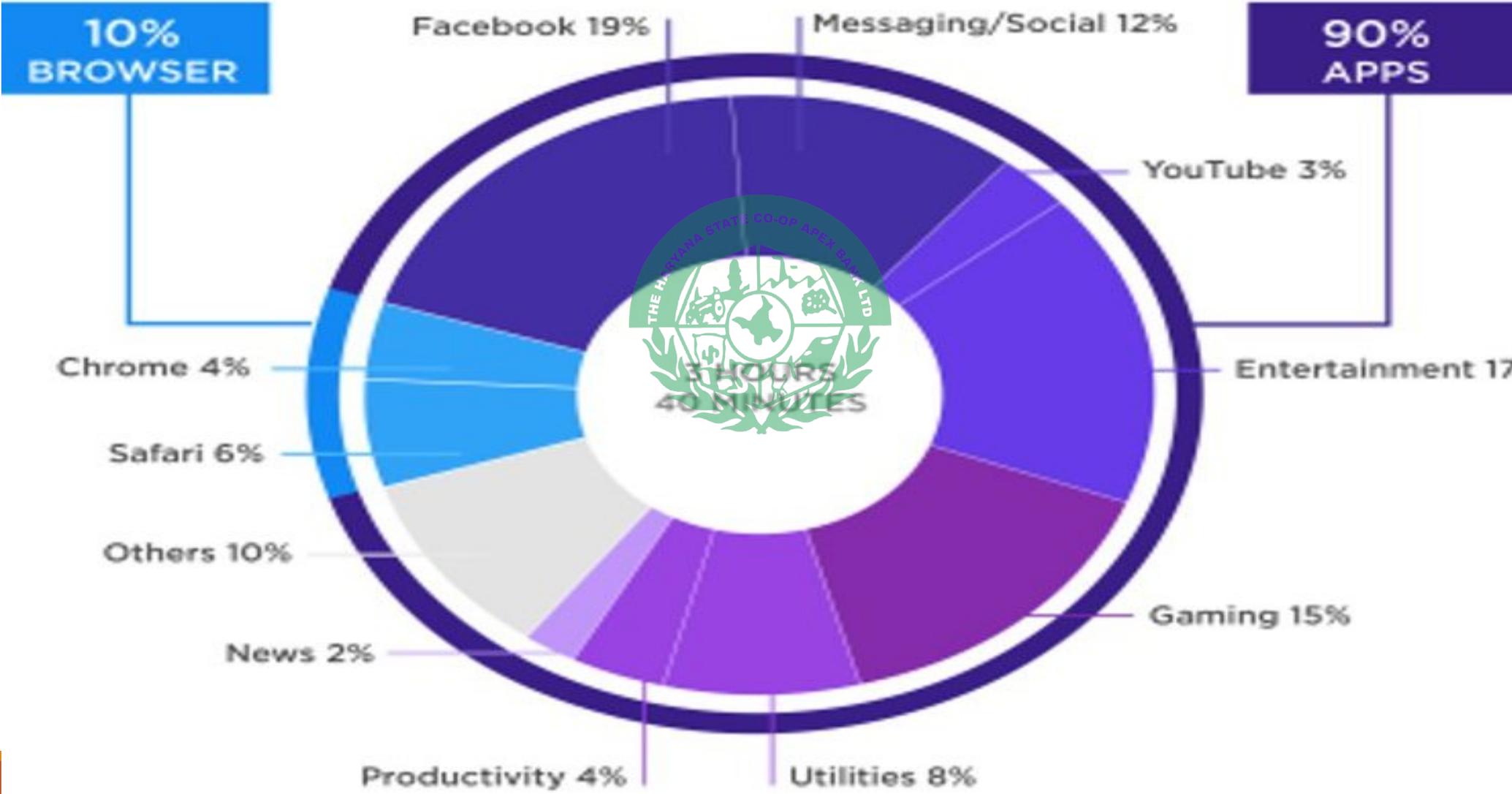
Mobile Security

Mobile Ads:

Can Your Phone Hear Your Conversations?

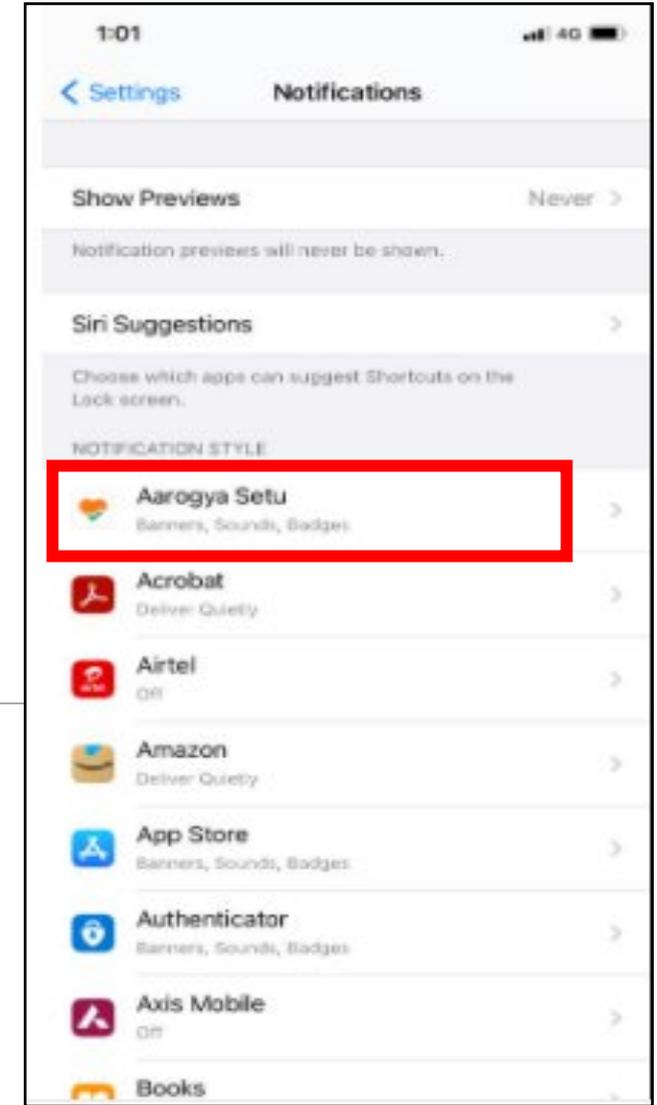
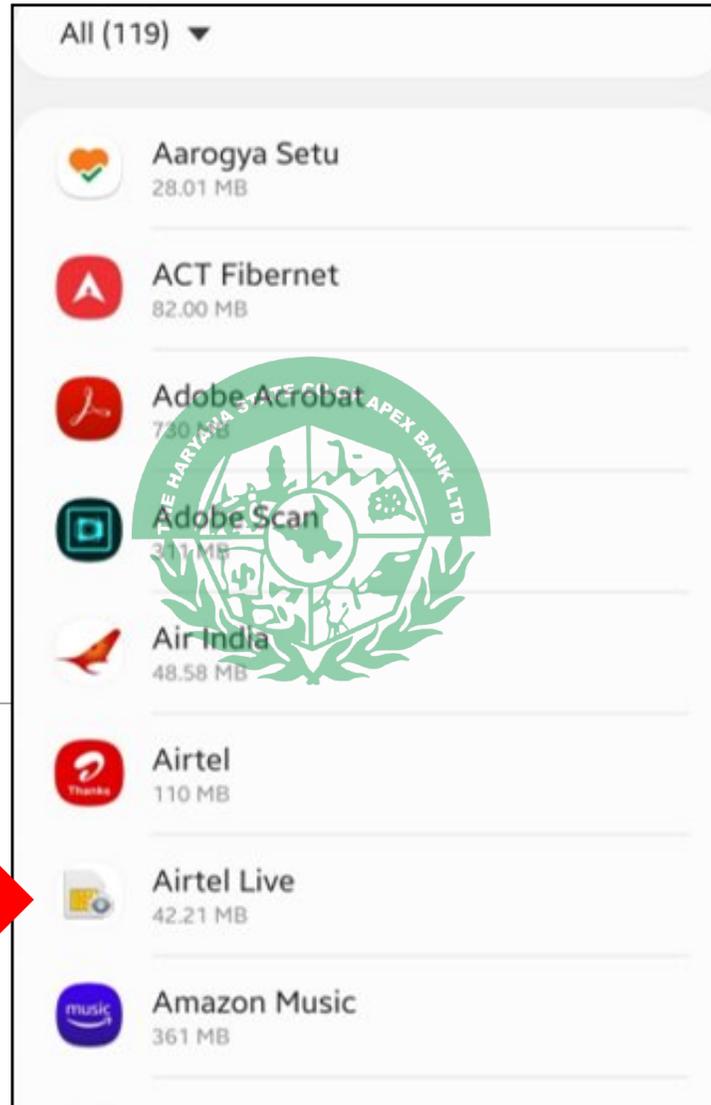
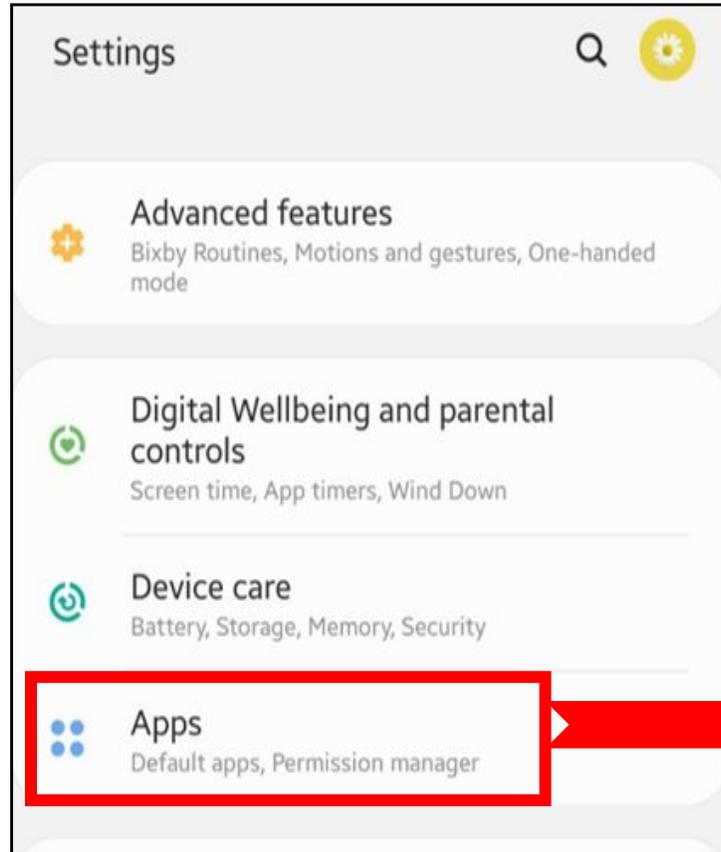


90% of Time on Mobile is Spent in Apps

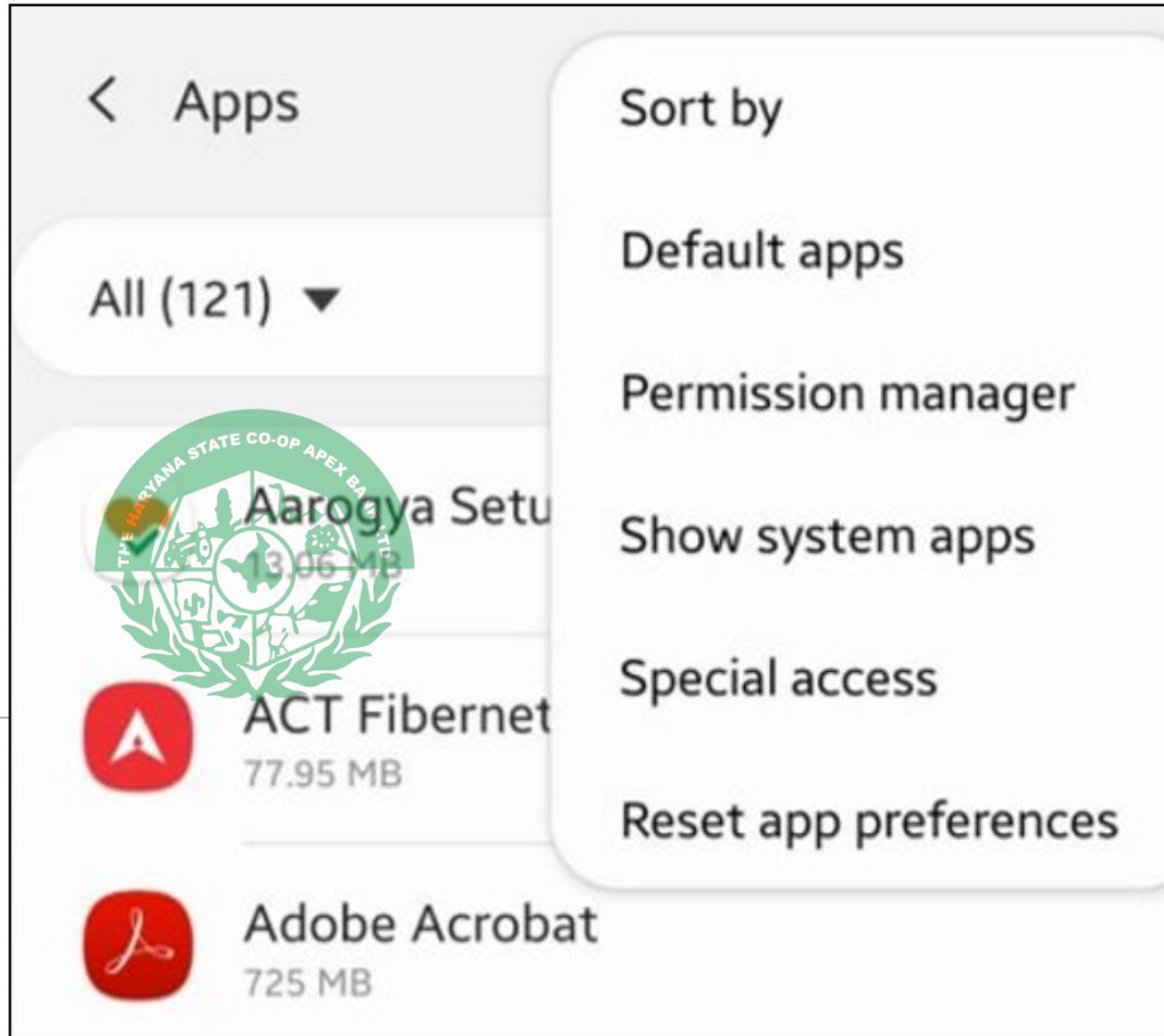


Monitor Permissions

Settings - Apps



- Access Permission Manager in your Mobile
- Settings – Apps – Permission Manager (OR)
- Settings - Privacy



SURFACE WEB, DARK WEB, DEEP WEB

SURFACE WEB

Google
Facebook
Instagram
YouTube

DEEP WEB

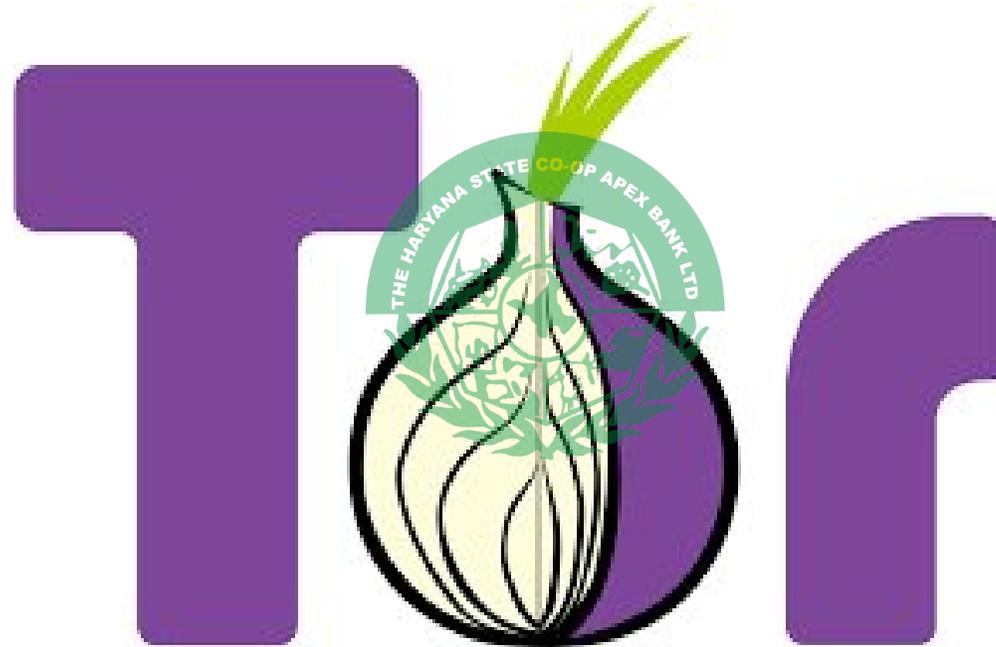
Medical Records
Legal Documents
Private Forums
Research Papers
Non Indexed Content

DARK WEB

Private Communication Forums
TOR
Illegal Trade
Illegal Activities



The Onion Router



Can I check which Apps on my mobile phone have divulged my information on Dark Web?



Yes

.



Google



google



All

Videos

News

Images

Short videos

हिंदी में खोजें

गूगल



Google

https://www.google.co.in

Google

Search the world's information, including webpages, images, videos and more. Google has many special features to help you find exactly what you're...

Google

IT corporation



Google LLC is an American multinational corporation and technology company focusing on online advertising, search engine technology, cloud computing, [Wikipedia](#) | More

vghial@gmail.com



Hi, [blurred name]

Manage your Google Account

+ Add account

Manage accounts

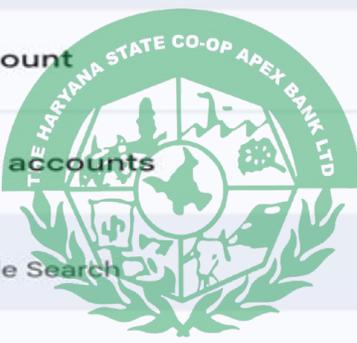
More from Google Search

Search history Saving

Delete last 15 minutes

Saves & Collections

Search personalization



Google Account



Enhanced Safe Browsing
Data & privacy **Security** People & sharing

More personalized protections against dangerous websites, downloads, and extensions.



On

[Manage Enhanced Safe Browsing](#)

Dark web report

You'll get alerts and guidance when your info is found on the dark web



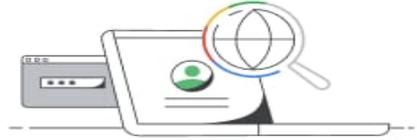
On

[See results](#)

Password Manager

You don't have passwords saved in your Google Account. Password Manager makes it easier to sign in to sites and apps you use on any signed-in device.





You're monitoring the dark web



Summary of your results

9 data breaches leaked your info to the dark web. View details and take action to protect yourself.

[View all results](#)

Results with your info

Info in your monitoring profile was found on the dark web. You've added 4 of 5 types of info.

Your results

Get details about the data breaches that leaked your info on the dark web. See how you can stay safer based on each result.

All • 9

Pentation Analytics

Mar 14, 2023

- DATE OF BIRTH
- PHONE NUMBER
- EMAIL

Nitro

Nov 19, 2020

- EMAIL

TrueCaller Database Leak

Jan 30, 2020

- NAME
- EMAIL
- GENDER
- ADDRESS
- PHONE NUMBER



TrueCaller Database Leak

Your info was in a data breach and found on the dark web on **Jan 30, 2020**

Monitoring profile info was found

Info you put in your monitoring profile matched info found in this data breach.

NAME

Vinod Kumar

EMAIL

vghial@gmail.com



Other info was found that isn't in your monitoring profile

Other info was found on the dark web alongside the info in your monitoring profile. Full details are hidden in case this info isn't yours.

GENDER

.....

ADDRESS

....., **Mumbai,**
Maharashtra,

PHONE NUMBER

.....**7698**

19:17

3 devices

5G 72%

Settings

 Notifications & status bar >

 Apps >

 Security & privacy >

 Location >

 Safety & emergency >

 Battery >

 Special features >

 Digital Wellbeing & parental controls >

 Additional settings >

 About device >

 Users & accounts >

 Google >

 Help & feedback >



← App management



Personal

Work

-  Adani Electricity >
-  Adobe Acrobat >
-  Airtel >
-  Airtel Xstream Play >
-  Amazon >
-  Android Accessibility Suite >
-  Android Auto >
-  Android Switch >
-  Android System Intelligence >
-  Android System Key Verifier >
-  Android System SafetyCore >



App permissions



YONO SBI

Allowed



Camera



Contacts



Location

Last accessed 4/25/25 at 20:18



Notifications



Phone

Accessed in past 24 hours



Photos and videos



SMS

Accessed in past 7 days





App permissions



Truecaller



Allowed



Call logs
Accessed in past 24 hours



Contacts
Accessed in past 24 hours



Microphone



Nearby devices
Accessed in past 24 hours



Phone
Accessed in past 24 hours



Nearby devices permission



NEARBY DEVICES ACCESS FOR THIS APP

- Allow
- Don't allow

See all apps with this permission



Location permission



LOCATION ACCESS FOR THIS APP

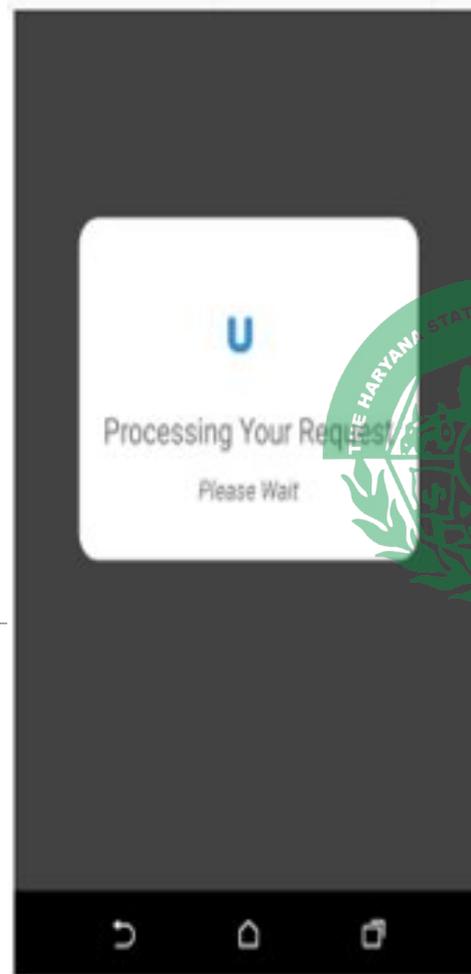
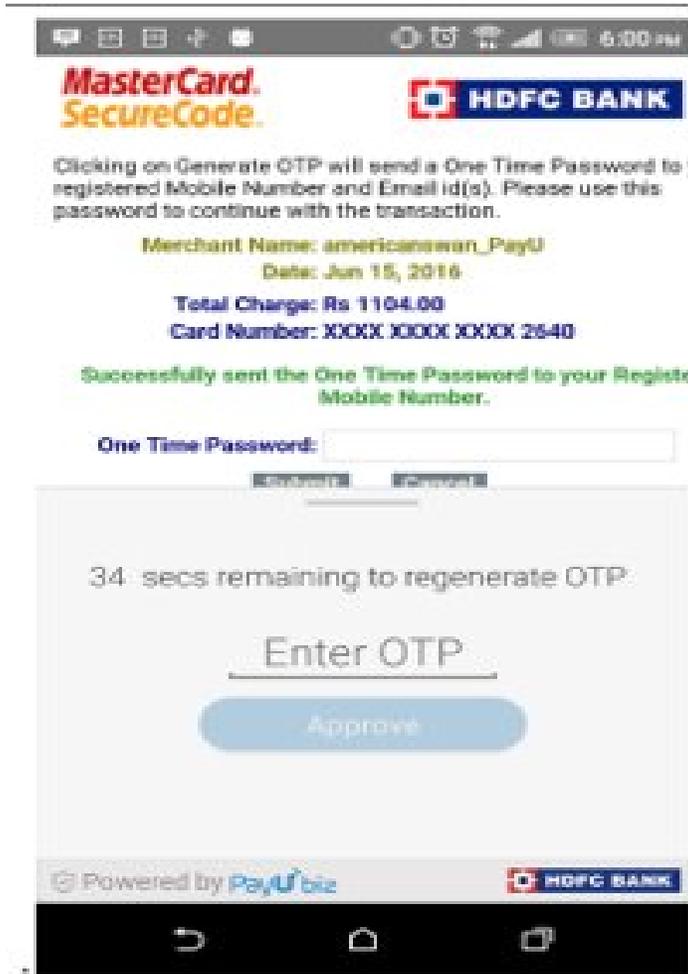
- Allow all the time
- Allow only while using the app
- Ask every time
- Don't allow

Use precise location

When precise location is off, apps

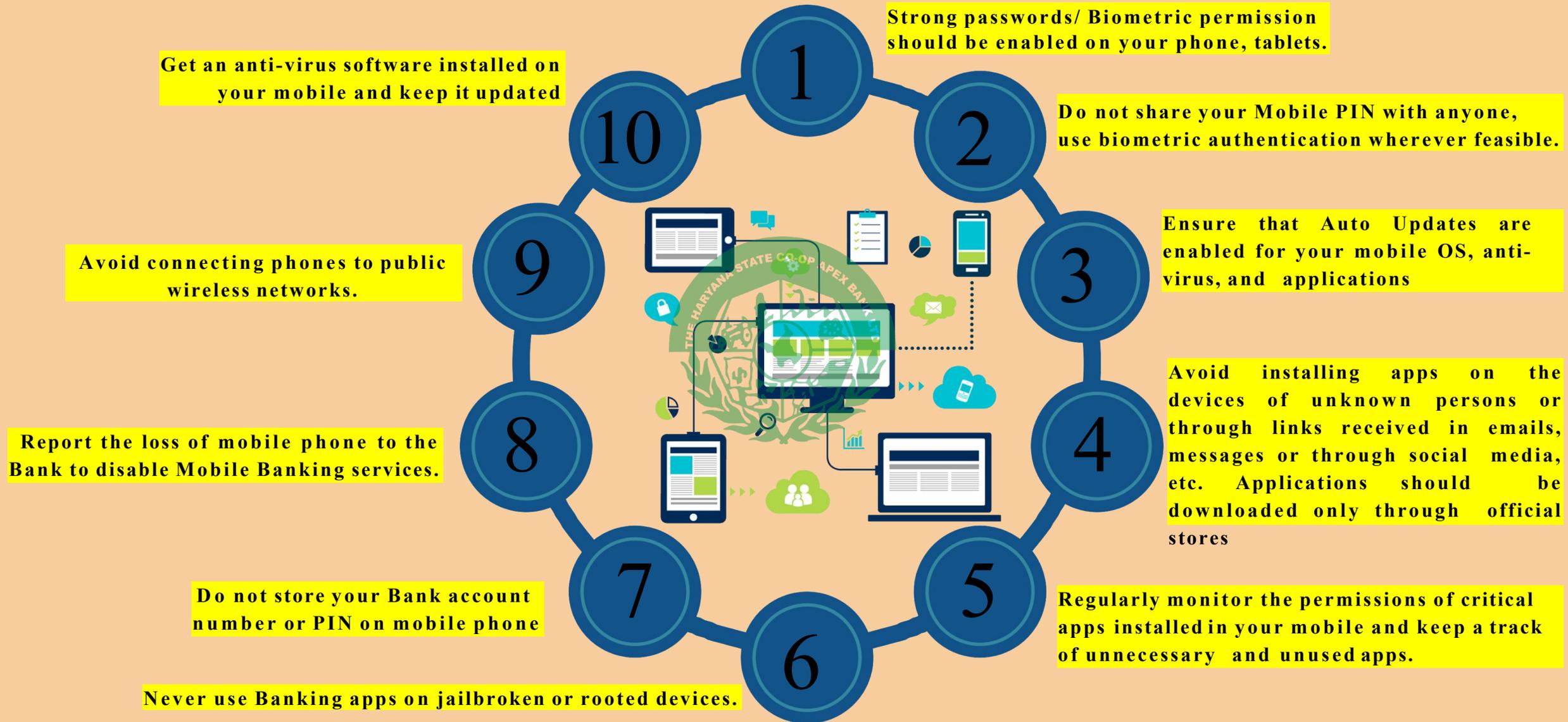


Warning States - OTP

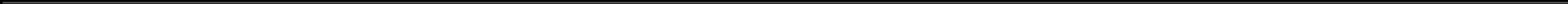


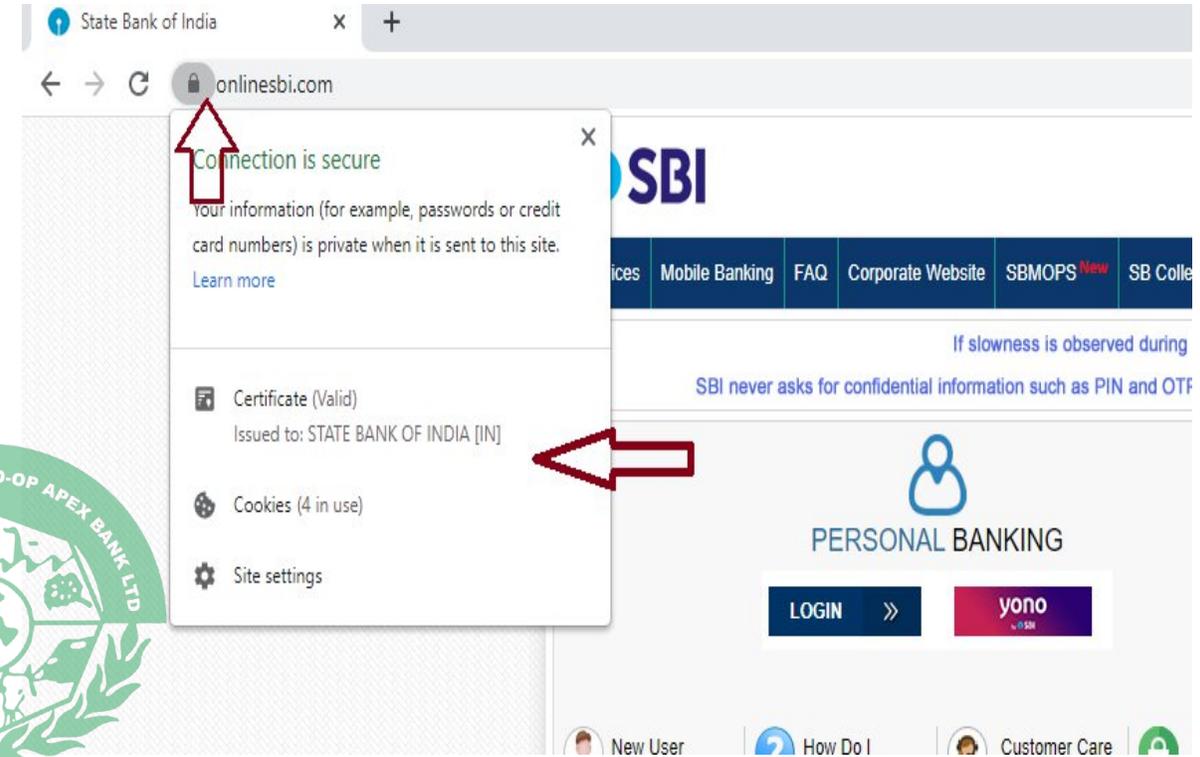
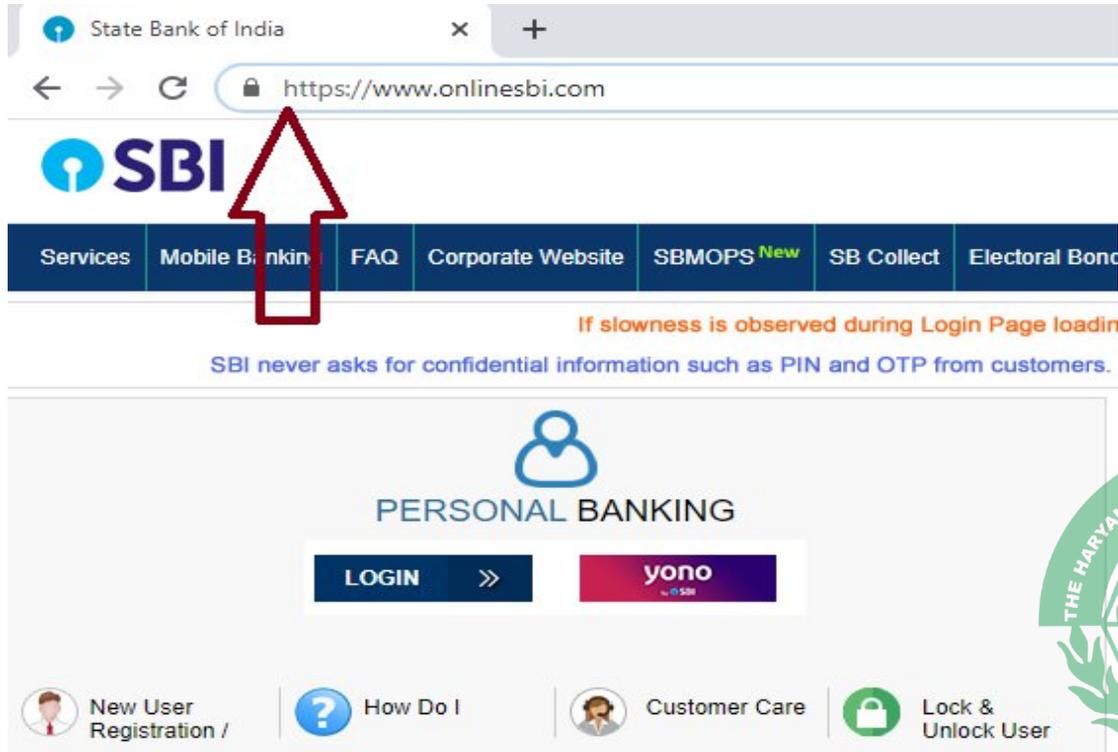
- If OTP is filled automatically by your application while performing any transaction or filling any page, it means that the app is having permissions to read your SMS automatically.
- We can disable the **SMS** permission in Permission Manager of the app/browser to disable OTP autofilling.

Mobile Device Best Practices



Access
Digital Banking
securely.





1. Remember URL of the Bank
2. Check for "HTTPS" in the URL
3. Click on the pad lock and verify the certificate.
4. Make sure the certificate is issued to " STATE BANK OF INDIA [IN].
5. Please check the spelling and character of "SBI".



UPI Security

Enable and Disable UPI-

The screenshot shows the State Bank of India online banking interface. The browser address bar displays `retail.onlinesbi.com/retail/profilelandingpage.htm`. A blue breadcrumb trail reads "You are here: / My Accounts & Profile / Profile". Below this is a "Profile" section with a grid of menu items: My Profile, Personal Details / Mobile, Set Account Nickname, Change Passwords, Manage IPO Applicant, Define Limit, High Security Options, Beneficiary Activation by Branch, IRATA Ref. No. Status, Add & Manage Beneficiary, Manage A/c Display, PAN Registration, and Set SMS Language. At the bottom, there is a link for "Enable / Disable Accounts for UPI" with a red arrow pointing to it, and a small "Enable / Disable Accounts" button.

This screenshot shows the "Enable / Disable Accounts for UPI" selection screen. The breadcrumb trail is "You are here: / My Accounts & Profile / Enable / Disable Accounts for UPI". The page title is "Enable / Disable Accounts for UPI". A button labeled "Enable / Disable UPI" is visible. A red note states "Mandatory fields are marked with an asterisk (*)". The instruction reads "Select the account for which you wish to enable / disable the Accounts for UPI". Below this is a table with columns "Account No. / Nick Name" and "Account Type". The table lists "OD Account" and "Savings Account". A green watermark for "THE HARYANA STATE CO-OP APEX BANK LTD" is overlaid on the page.

This screenshot shows the "Enable / Disable UPI" status screen. The breadcrumb trail is "You are here: / My Accounts & Profile / Enable / Disable Accounts for UPI". The page title is "Enable / Disable Accounts for UPI". A button labeled "Enable / Disable UPI" is visible. The "Select Account No" field is populated with "00000054060083611". Below this are radio buttons for "enable" and "disable". At the bottom right, there are "Back" and "Submit" buttons.

Disable your UPI if you notice any fraud which has happened through UPI platform or your PIN is compromised.

The many faces of UPI frauds

Scamsters take advantage of UPI's simple features to fool users into inadvertently transferring money

You have won a cashback!!! click the link to claim it: scam.com/1wmlknfk

Cashback frauds

Clicking on links for cashback ends up with users paying money



QR code frauds

Scamsters get users to scan a QR code to receive money. In UPI, you scan a QR only to pay money



Collect request frauds

Cheaters convince users to accept the collect request and enter a UPI PIN, to receive money*



flipkert@okhdfc

+91 90029 19309

UPI ID spoofing

Scamsters change letters in a UPI ID of a legitimate or popular business to divert money



your order is almost ready!

Complete your payment

Fake website frauds

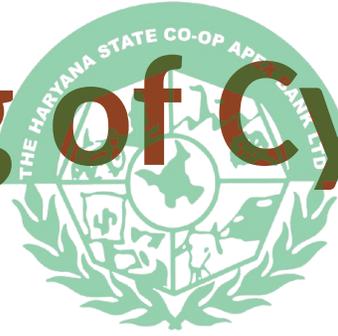
Fake websites are used to take orders via UPI. The goods are never delivered



Fake customer care frauds

Scamsters flood the internet with fake customer care numbers of UPI apps. Pretending to solve an issue, they swindle more

Reporting of Cyber Crime





JOIN THE FIGHT AGAINST
CYBER CRIME.
DON'T LET IT GO UNREPORTED.



Report complaints related to Cyber Frauds at
National Cyber Crime Reporting Portal of Ministry of Home Affairs:

<https://cybercrime.gov.in>

Or dial the helpline number: **155260**

Please educate our Customers and General Public



Report complaints related to Cyber Frauds @ gov website

<https://cybercrime.gov.in>

Or dial the helpline number

155260



Internet

Safety

Tips



- Keep an eye on unknown apps from your phone. Uninstall if not required.
- DO NOT WRITE down your passwords and security questions.
- Do NOT CLICK on bumper festive offers links in Whatsapp messages/ SMSs or emails.
- Always lookup Customer care numbers from official websites. Or save them on your phone for future use.

ATM Safety

Tips



- Don't get distracted
- Never withdraw in hurry.
-  Keep your Hands Empty
- Cover Keypad with other hand while input PIN.

Savdhaan Rahe! Satark Rahe!

Always check for a secure payment gateway.

Never open emails from unknown sources containing suspicious attachment or phishing links.

Change passwords at regular intervals.

Change passwords periodically.

Keep your PIN, password, and credit or debit card number, CVV private.

Do not leave your device unlocked.

Always use virtual keyboard on public devices since the keystrokes can also be captured through compromised devices, keyboard, etc.

Avoid saving details on websites /devices/ public laptop / desktops.

Do not share private information to unknown persons on social media.

Do not use same passwords for email and internet banking

Turn on two-factor authentication where facility is available.

Always scan unknown USB drives / devices before usage.

Install antivirus on the device and install updates whenever available.

How to Make an Online Complaint?

Complaint to RBI

- Please visit the link at <https://cms.rbi.org.in/>

Complaint to SEBI

- Please visit the link at <https://scores.gov.in/>

Complaint to IRDAI

- Please visit the link at <https://igms.irda.gov.in/>



Complaint to National Housing Bank (NHB)

- Please visit the link at <https://grids.nhbonline.org.in/>

Complaint to Cyber Police Station

- Please visit <https://cybercrime.gov.in/>

BITS prof duped of ₹7.67cr; cops want CBI probe in case

TNN / Apr 23, 2024, 04:38 IST

SHARE PRINT AA FOLLOW US



Jaipur: The Rajasthan police have sent their recommendations to the state's home department seeking investigation by CBI into the Rs 7.67-crore fraud case as the con artists are based abroad.

Police said the victim in the case is a woman, identified as Srijata Dey, a professor at the Birla Institute of Technology and Science (BITS), Pilani, who had lodged a case of fraud with cyber police, Jhunjhunu.

Poll

Do you think fugitive Mehul Choksi will finally be extradited to India?

No

Trending Stories

In City Entire Website

- "Tears of Joy and Sorrow: Brittany Mahomes' Heartfelt Reflection Amid..."
- 'Diddy List': Names of celebrities connected to Sean Combs viral
- 9 Brain Exercises to Help Boost Memory and Creativity in Students
- 9 Timeless Skills That Will Always Be in Demand
- 'India ka muqabla bas Australia se hi hai': Former Pakistan cricketer after...

- ### Related News
- Retired Army Colonel, Wife Duped Of Rs 49 Lakh In Digital Arrest Scam
 - Hyderabad Man Loses Rs 3.5 lakh To 'Digital Arrest' Fraud, 3 Arrested
 - 86-Year-Old Mumbai Woman Loses Over Rs 20 Crore To "Digital Arrest" Fraud

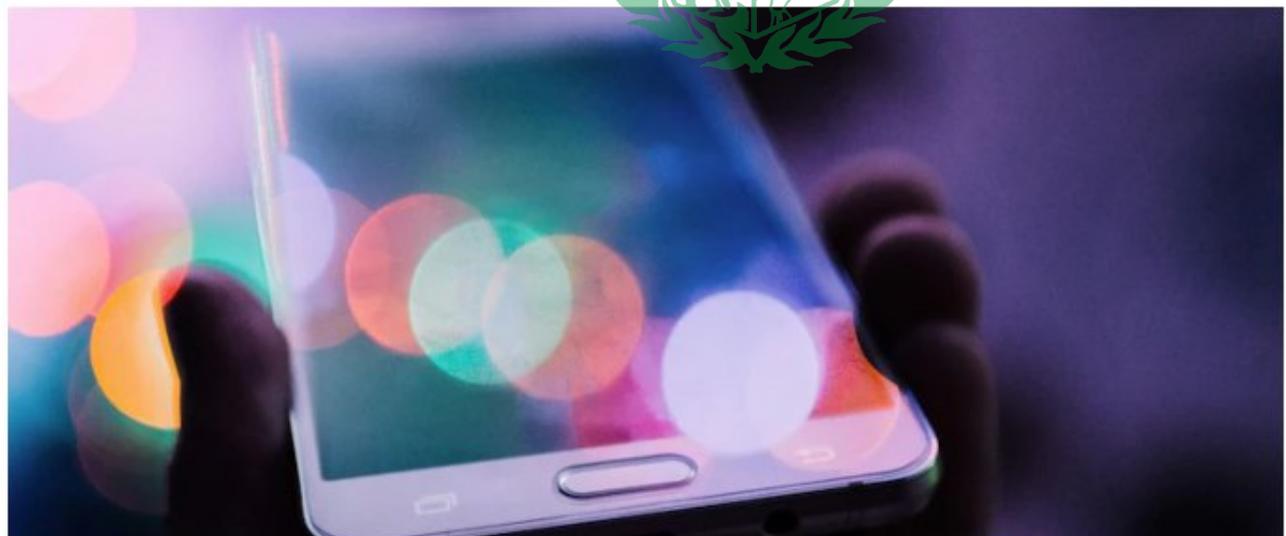
Bengaluru Techie Loses Rs 11.8 Crore After "Digital Arrest"

The man got a call from a person claiming to be a police officer alleging that his Aadhaar details were being misused to open bank accounts for money laundering, his complaint stated.

Press Trust of India | India News | Dec 23, 2024 18:46 pm IST

Read Time: 3 mins

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 - Pahalgam Terror Attack Updates: US Urges India, Pak To De-Escalate

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Our Life's Good because of you! #KarSalaam

Dog licks arent kisses. Heres wha...

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Don't Miss

Karnataka elderly couple die by suicide after losing Rs 50 lakh in cyber fraud

Police have booked two men named in a suicide note left behind by the 82-year-old resident of Khanapur in Belagavi.

By: [Express News Service](#)

Bengaluru | March 30, 2025 12:44 IST

 NewsGuard

 2 min read



Neighbours discovered the bodies of Diego Santan Nazareth, 82, and Flaviana, 79, residents of Khanapur, on Thursday.

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With
Haier's Range of LED Televisions



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EXPRESS Shorts



THINKING MATTER
SHEKHAR KARANJODI

Machine learning can spark



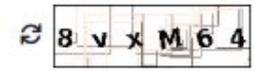
Know Mobile Connections in Your Name

Know the number of connections issued in your name by logging in using your mobile number

17454439
requests received

15204423
requests resolved

10 digit Mobile number



Enter Captcha

Validate Captcha

OTP

Resend OTP

Login



दूरसंचार विभाग
DEPARTMENT OF
TELECOMMUNICATIONS

सत्यमेव जयते



india.gov.in



HOME

CITIZEN CENTRIC SERVICES

ABOUT

KEEP YOURSELF AWARE

FAQs

MOBILE APP

IN SOCIAL MEDIA

IMAGE GALLERY



Hon'ble Union Minister
Shri Jyotiraditya M Scindia



Hon'ble Minister of State
Dr. Pemmasani Chandra

संचार

<https://ceir.sancharsaathi.gov.in>

THE MARYANA STATE CO-OP APEX BANK LTD

भारत दूरसंचार
DOT
INDIA TELECOM

LOST YOUR MOBILE?

Block and Trace your lost or stolen mobile handset

CEIR Banner

Check Genuineness of your Mobile Handset

ACCESS NOW

Web Portal
<https://sancharsaathi.gov.in>

Mobile App

GET IT ON Google Play

Download on the App Store



- HOME
- CITIZEN CENTRIC SERVICES
- ABOUT
- KEEP YOURSELF AWARE
- FAQs
- MOBILE APP
- IN SOCIAL MEDIA
- IMAGE GALLERY

Hon'ble Union Minister
Shri Jyotiraditya M Scindia

Hon'ble Minister of State
Dr. Pemmasani Chandra Sekhar

SANCHAR SAATHI

AN INTEGRATED SPACE FOR CITIZEN CENTRIC SERVICES

REPORT

- ▶ Suspected Fraud Communication & Unsolicited Commercial Communication/SPAM
- ▶ International Call with Indian Number

TRACK

- ▶ Your Lost or Stolen mobile handset
- ▶ Your Mobile connections
- ▶ Your wireline internet service provider

ACCESS NOW

<https://sancharsaathi.gov.in>

Web Portal

Mobile App

GET IT ON Google Play

Download on the App Store

BLOCK YOUR LOST / STOLEN MOBILE HANDSET

31,19,820 mobiles blocked	18,77,418 mobiles traced
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KNOW MOBILE CONNECTIONS IN YOUR NAME

1,74,54,439 requests received	1,52,04,423 requests resolved
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CHAKSHU - REPORT SUSPECTED FRAUD COMMUNICATION

2,90,581 inputs received	5,56,279 action taken
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Citizen Centric Services

New

 **CHAKSHU - REPORT SUSPECTED FRAUD & UNSOLICITED COMMERCIAL COMMUNICATION / SPAM**

 **BLOCK YOUR LOST / STOLEN MOBILE HANDSET**

 **KNOW MOBILE CONNECTIONS IN YOUR NAME**

 **KNOW GENUINENESS OF YOUR MOBILE HANDSET**

 **REPORT INCOMING INTERNATIONAL CALL WITH INDIAN NUMBER**

 **KNOW YOUR WIRELINE INTERNET SERVICE PROVIDER**



Mobile App

Sanchar Saathi Mobile App is now available in Play Store and App Store!



14L+ downloads



1.2L+ downloads

राष्ट्रीय साइबर अपराध रिपोर्टिंग पोर्टल
National Cyber Crime Reporting Portal

- Register a Complaint +
- Track your Complaint
- Report & Check Suspect +
- Cyber Volunteers +
- Learning Corner +
- Citizen Survey
- Contact Us

- Women/Children Related Crime +
- FINANCIAL FRAUD
- OTHER CYBER CRIME



WOMEN/CHILDREN RELATED CRIME

Report Anonymously | Register & Track



FINANCIAL FRAUD

Register a Complaint



OTHER CYBER CRIME

Register a Complaint

राष्ट्रीय साइबर अपराध रिपोर्टिंग पोर्टल National Cyber Crime Reporting Portal

- ▶ Suspect Repository +
- ▶ Report Suspect +
- ▶ File an Appeal with GAC
- ▶ Check Suspect (mobile, email, etc.)
- ▶ Check Suspect (Website/App)

WOMEN/CHILDREN RELATED CRIME

Report Anonymously Register & Track

FINANCIAL FRAUD

Register a Complaint

OTHER CYBER CRIME

Register a Complaint



साइबर स्वच्छता केन्द्र

CYBER SWACHHTA KENDRA

Botnet Cleaning and Malware Analysis Centre



Ministry of Electronics and Information Technology
Government of India

Security Tools

Free Bot Removal Tool - For Microsoft Windows

You may use any of the following Bot Removal Tool for your digital device.

Note: To identify, the architecture of your computer system whether it is 32-bit or 64-bit, right click on "My computer"/ "This PC" -> Properties-> Check your system architecture

- K7 Security

The antivirus company **K7 Security** is providing the free bot removal Tool. Click the below mentioned link to download the tool.

<https://www.k7computing.com/in/k7-bot-removal-tool> **Download**

- Quick Heal

Free Bot Removal Tool - For Android



The antivirus company **eScan Antivirus** is providing the Smartphone Safety Toolkit. **Click** the below mentioned link or **Scan QR Code** to download the tool.

<https://play.google.com/store/apps/details?id=com.eScanAV.certin>



Free Mobile Security Application - For Android

C-DAC Hyderabad



C-DAC Hyderabad has developed M-Kavach 2 with the support of MeitY. **C-DAC Hyderabad** is providing the Android Mobile Security Application. **Click** the below mentioned link or **Scan QR Code** to download the tool.

<https://play.google.com/store/apps/details?id=org.cdac.updatemkavach>



About this app →

eScan CERT-In Bot Removal lets you scan your device for bots, malware, infected objects and helps you remove them.

What is a bot?

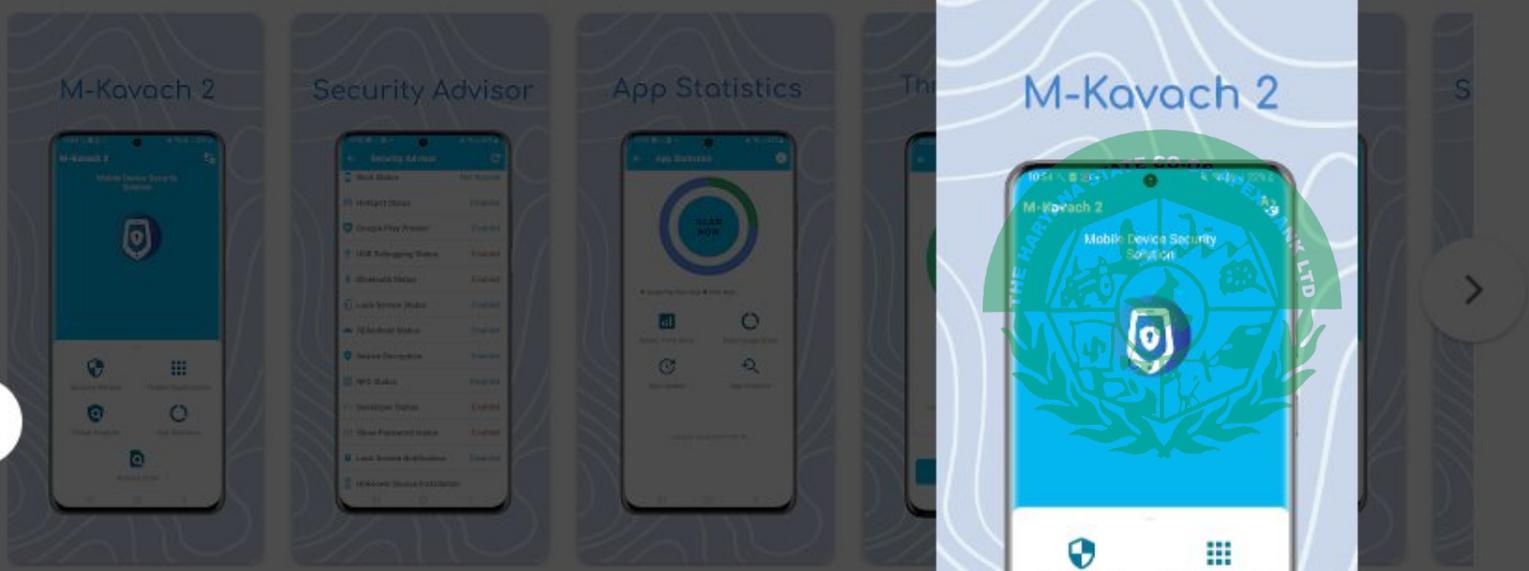
A mobile bot is a malware that runs actively on a device not protected by an anti-virus app. Mobile bots act similarly to computer bots. If infected, your device gets added to a botnet and gets used for all malicious activities possible by the hacker/botnet owner. The malware allows a hacker access to all the data, apps, and internet usage...



Updated on
Sep 18, 2024

Tools

Flag as inappropriate



App support ▾

More apps to try →

-  ZEE5 Movies, Web Series, Shows
Z5X Global FZ LLC
4.4 ★
-  Photo & Video Editor - Canva
Canva
4.6 ★
-  Audible: Audio Entertainment
Audible, Inc.
4.3 ★
-  Instagram
Instagram
4.3 ★

What's new

- Enhanced Features: Upgraded and enhanced features in the Hidden Apps...
- New Module - App Verifier: Introduced "App Verifier (Powered by Praamaar... apps.
- Bug Fixes & Optimizations: Addressed issues and optimized performance...

[See all reviews](#)

About this app →

M-Kavach 2 is a comprehensive mobile device security solution addressing emerging threats related to Android based mobile devices. The major emphasis is on advising the users against security misconfigurations, detection of hidden/banned apps and scanning the device for potential malicious apps installed on the user's mobile device.



★ Salient Features :

Updated on
Apr 28, 2025

Tools

Flag as inappropriate

How I can Complaint in
HARCO Bank?





Welcome HARCO Bank

Disputes Management System

Login

Email address

Your Email *

Password

Password *

Mobile No

Your Mobile No *

1295

Refresh

Enter Captcha

Enter Captcha

[User Manual](#)

[Forgot your password?](#)

Log In

Don't have an account? [Create New Account](#)

**CUSTOMER CARE
NUMBER FOR DIGITAL
SERVICES**



0172-2713293

