Cyber Security

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Where the world is now

- Video
Human Intelligence and Artificial Intelligence

- The autonomous car
Where is automation now?

- video
How secure we are?

- The recent ransom ware attack
Our Privacy?

- JanDhan, Adhaar, Mobile
- Adhaar exposed?
- Social media
  - Facebook
  - Whatsapp
- The surveillance cameras
Many B’lureans lose cash to sim card swap fraud

Bengaluru: If you are using a cellphone number with a 3G sim card and your online banking account is linked to it, you could be the next victim of a thriving ‘sim card swap fraud’. At least 30 Bengalureans have reportedly fallen prey to scammers, losing huge sums of money since mid-2016.

Alert: Beware of fraudulent calls asking you to do SIM Swap by sending an SMS ‘SIM <20 digit number> to 121’ without having a physical SIM. This may lead to fraud/misuse of your mobile number.

How they trick:
- Fraudster impersonates the victim and obtains new 4G sim card from outlet or online
- Poses as executive of mobile service provider, calls the victim offering instant 3G to 4G sim switch
- Sends 20-digit number (printed on new 4G sim), urges the victim to send it to the service provider’s mobile
- Victim’s 3G sim gets deactivated, fraudster’s cellphone with 4G sim gets activated with the victim’s number
- Victim gets SMS from cellphone asking to transfer money
- Victim transfers money to fraudster’s account

Word of Caution:
An sms alert circulated among subscribers, alerting them to be wary of the sim swap fraud.
Brains in palm

- The mobile and the revolution
- Palm under control of remote brains
Security Implications

- Physical (media of propagation)
- Application
- Intermediate devices
- All layers of network
- Cloud (IAAS, PAAS, SAAS)
- Mobile /end user device
THANK YOU