Sun City Computer Club

Cyber Security SIG

October 20, 2022

Questions, Comments, Suggestions welcomed at any time

Even Now

- [Audio recording of this session as MP4 file](#)
- Audio recording available at link shown above

Audio Recording In Progress

SIG attendees are required to be members of the chartered club sponsoring that SIG.
Sun City Community Association By-law

- # Ever want to be a presenter??

Presenter???

- Members using the Computer Club Help Center Report
  Un Noticed Bitlocker setup/settings
  Know your Bitlocker status
  Settings Search Bitlocker

Bitlocker Caution

- Microsoft Data Breach
  Misconfigured server on Internet
  Business transaction data
  Potential customers
  Found by SOCRadar
  2.4TB
- Walmart Checks for Secret Shoppers

- Amazon product review solicitation via postal mail
  With gift card
  IFF

Current Issues

- Microsoft Account – Know your status
- PayPal Financial penalties for violations
- Microsoft Windows warning if password for programs or sites match Windows sign on.

Windows Security

This app made an unsafe connection that was reported to Microsoft for stealing passwords

Your organization recommends changing your work or school password to keep your account safe.

Why am I seeing this?

Change my password   Got it

Current Issues

- 200,000 new phishing sites each month
- 500 different brands
- Increased risk factors:
  US largest target by volume
  Australia twice as likely as US
  55 – 64 1.64 more likely than 18 – 24
  Victim of recent data breach?
   5 times more likely

Phishing Stats

- THINK   Think twice   think again   Pause
  Phishing training
    THE most productive training
- Consider the source
    They are not Them
    I want to be the first (celebrity news)
    Contact list stolen
- Lock down accounts
    Unique & Strong passphrase
    Multi Factor Authentication
- Multiple eMail and Browsers
- EvilProxy Service
- Microsoft Exchange Server 3(?) 0-days

Phishing defenses

- Tesla and other EVs after Ian
  EV fires take more fire fighting resources
- Airport web sites attacked
- Zelle & fraud
  peer-to-peer fund transfer
  You may have it, not know it
  $26 M Not covered
  1) Authorized
 2) Commercially Reasonable
  10% payment record
- ChromeOS 106

Current Issues

- Fake LinkedIn Bots vs. HR
- Akami CDN vulnerability
- Crypto currency
- Crypto exchange bankruptcy
  14,532 pages of customer info
    Name, account & transaction information
- Apple Store & Google Play
   400 malicious apps
    Steal Facebook credentials
- Alchimist attack framework
    Windows, macOS, Linux   GoLang

Current Issues

- Photo editors, including those that claim to allow you to "turn yourself into a cartoon"
- VPNs claiming to boost browsing speed or grant access to blocked content or websites
- Phone utilities such as flashlight apps that claim to brighten your phone's flashlight
- Mobile games falsely promising high-quality 3D graphics
- Health and lifestyle apps such as horoscopes and fitness trackers
- Business or ad management apps claiming to provide hidden or unauthorized features not found in official apps by tech platforms.

Categories of malicious apps
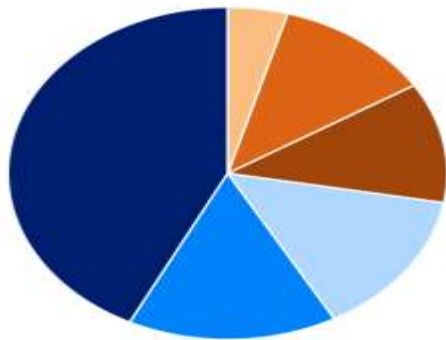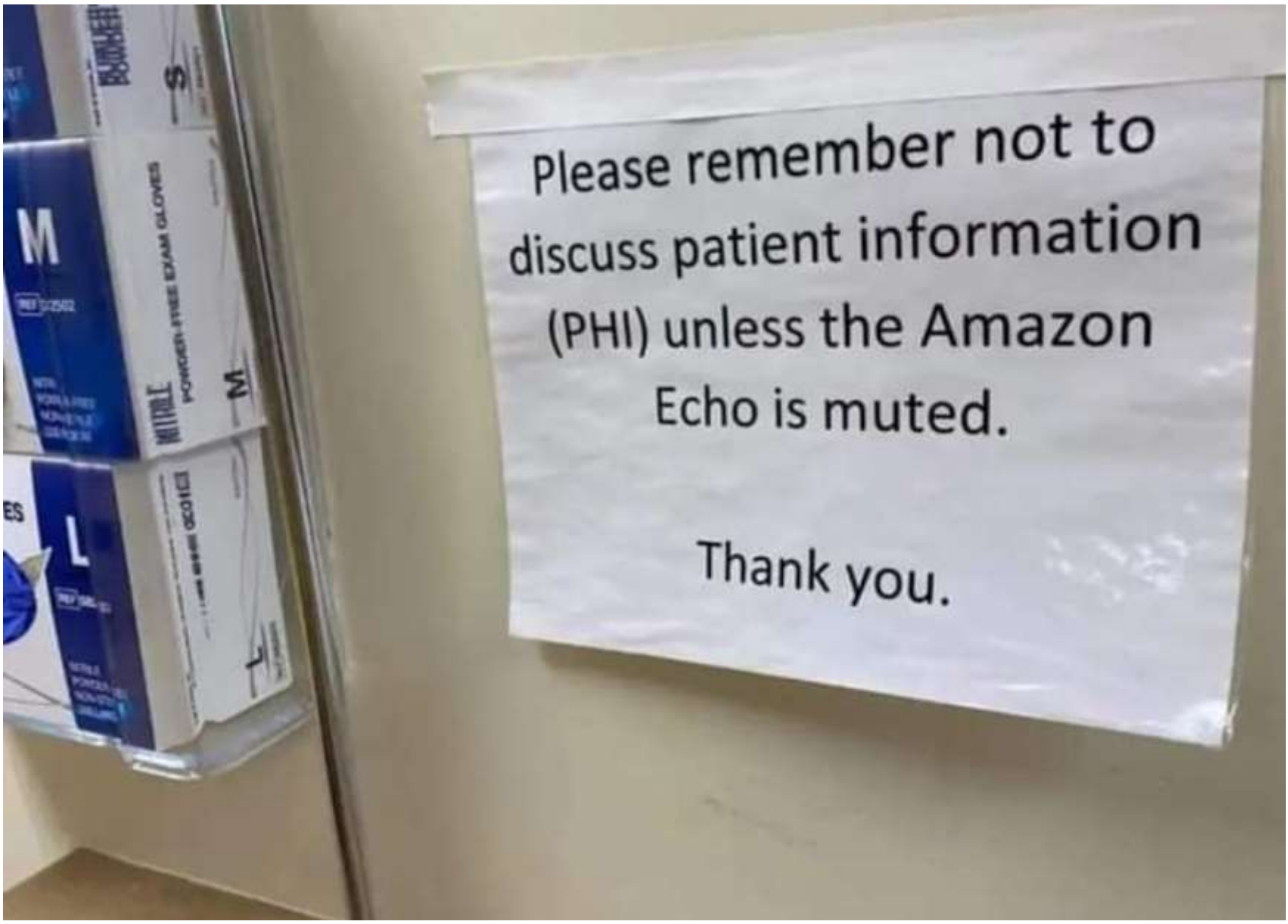
Category	Percentage	Category	Percentage
Photo Editor	42.6%	Game	11.7%
Business Utility	15.4%	VPN	11.7%
Phone Utility	14.1%	Lifestyle	4.4%

Facebook Credential stealers

- Uber CSO found guilty

    Lying to authorities and obstruction of justice

- Crypto Chaos News?

- UK to drop GDPR?

- Some Apple services communicate back to Apple outside VPN
  And leaks DNS requests
  iOS 16

Current Issues

Please remember not to discuss patient information (PHI) unless the Amazon Echo is muted.
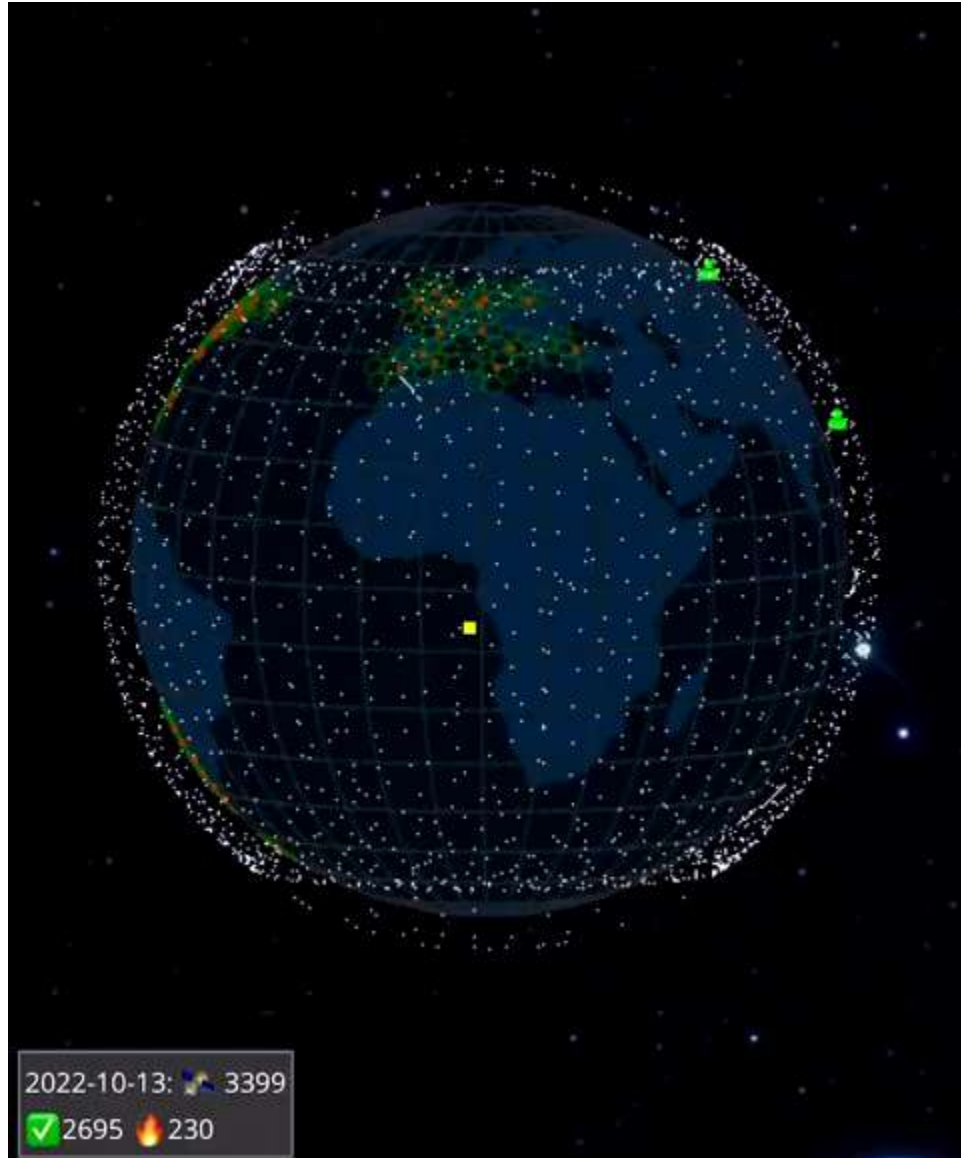
Thank you.

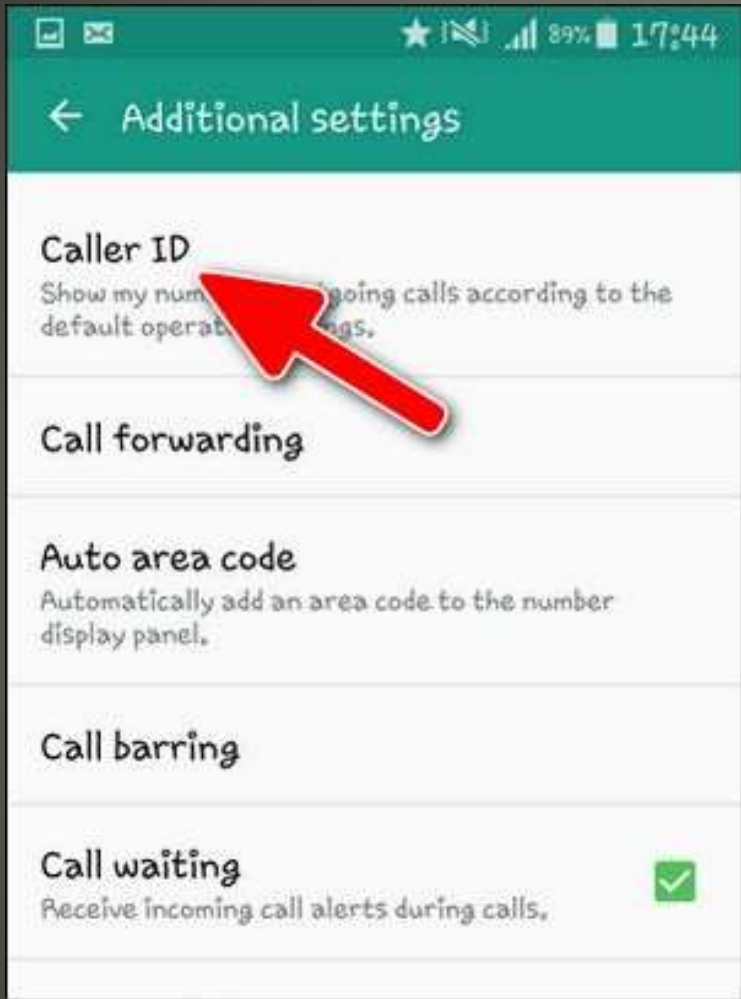2022-10-13: 3399
✅ 2695 🔥 230

- *67<phone number>
- iOS and Android settings
- Ask carrier *611 mark as private
- Burner Apps

Hide phone number
Making Calls

Caller ID iOS setting

Caller ID Android settings

- Microsoft Driver Block list
  Not recently updated 3 years
  "We update the list, we just don't synch"
- Credit card fraud & 2FA
  Typical theft from gym lockers
  Add device to card/account
  One-time code sent to stolen phone
  Thief sees code on stolen phone
  Types code on their phone
  New device added
  Note: Wells Fargo and others message has
   code out notification box

Current Issues

- Tesla and others with key fob
  Stand near owner in grocery store
  Relay (radio) to another near car
  Credit Card "keys" Near Field Communications
- Qatar spyware
  World Cup
  Ehteraz & Hayya
- Passkey support Chrome & Android
  Some sites, Some VPNs
  Phishing resistant MFA
  User must Act   Phish able

  "register" device phone, YubiKey, etc.
  Plus biometrics

  Migrate to other Devices | Users
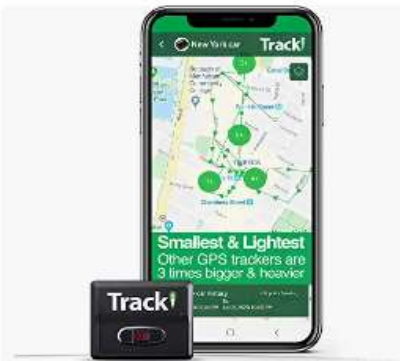 Biometric changes Lose finger? Face aging

Current Issues

- Tags
- Custom tracker
- WiFi Coconut & Drone

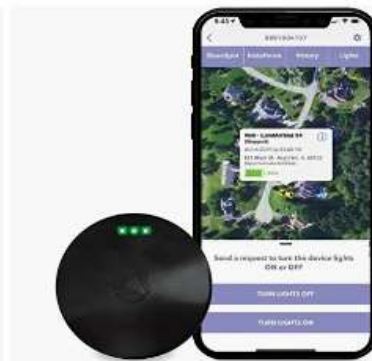| Under $25	Between $25 and $50	Between $50 and $100	Above $100
Tracki GPS Tracker for Vehicles, Car, Kids, Dogs, Motorcycle. 4G LTE GPS...	LandAirSea 54 GPS Tracker, - Waterproof Magnet Mount. Full...	Bouncie - GPS Car Tracker [4G LTE], Vehicle Location, Accident...	Invoxia Real Time GPS Tracker with 2 Year Subscription NO FEES — For...
★★★★☆ ⌄ 34,809	★★★★☆ ⌄ 17,400	★★★★⯪ ⌄ 3,800	★★★★☆ ⌄ 1,595
$17⁸⁸ $18.88	$29⁹⁵	$77⁰⁰	$154⁵²
✓prime Today 2 PM - 6 PM	✓prime Today 2 PM - 6 PM	✓prime Today 2 PM - 6 PM	Or $51.51/month for 3 months
	🏪 Small Business ⌄	🏪 Small Business ⌄	✓prime FREE One-Day

Tracking

- Implant with Web server, USB communications, WiFi, Keystroke injection, keylogger, …
$200
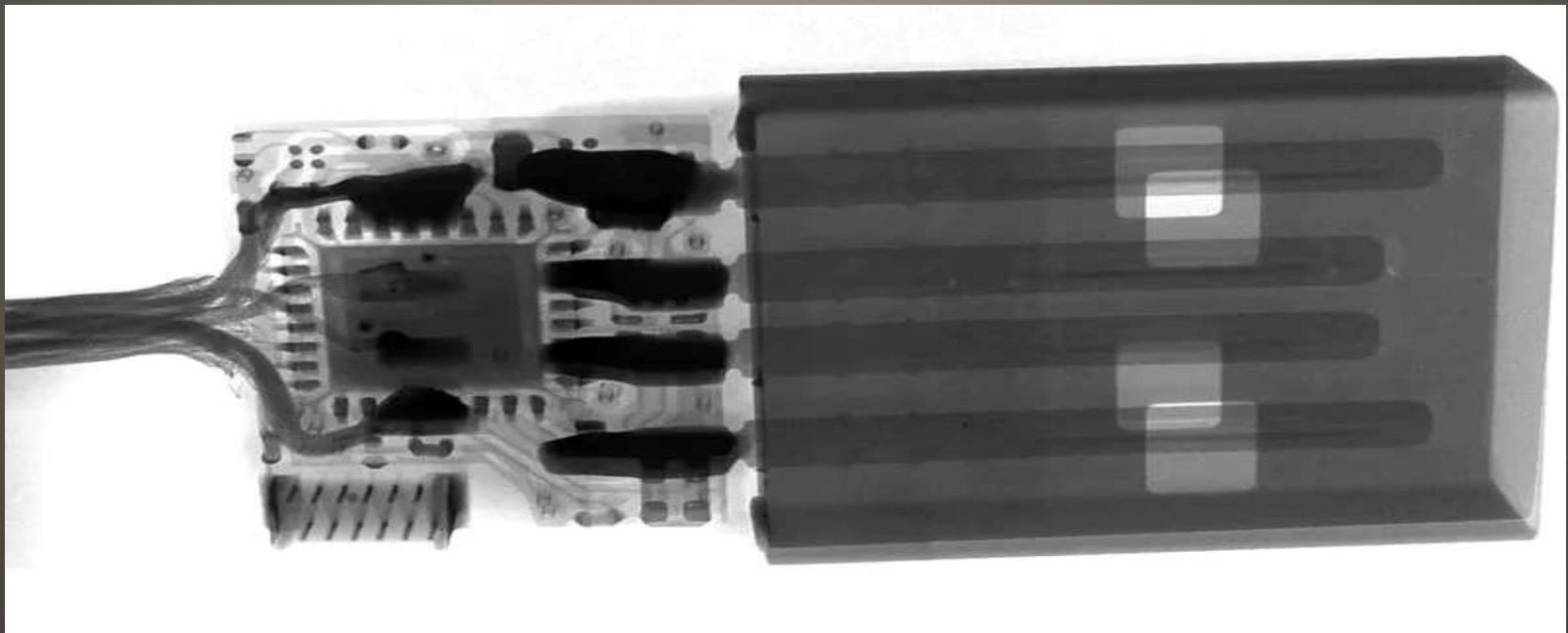
O.MG Elite cable

- WiFi Auto Associate
- Ask to Join
- Scan QR code to add WiFi network name for tracking

WiFi

- Edit PDF   READ WARNING
- Pin private windows to taskbar (windows 10 & 11)
- And more

Firefox 106

- 3 US critical infrastructures get new requirements
  Communications, Water, & Healthcare
- Operation Jackal
  Interpol   12,000 SIM cards
  1.2 Million Euros   2 trillion
- Browser Updates
  Firefox 106.0.1
  Edge Development 108.0.1438.1
  Edge 106.0.1370.47
  Chrome 106.0.5249.119
  Brave 1.44.112
  Vivaldi 5.5.2805.38
  Opera 92.0.4561.21
  Safari 1764.1.25.9.10
  Tor 11.5.4

Current Issues

- Brute Force protection – Local Admin Account Lockout Policies
  10/10/10
  Failed attempts
  Within 10 minutes
  For 10 minutes
- Cyber Security Label for IoT devices

Current Issues

- Ever want to be a presenter??

Presenter???

- Helpful < - > Harmful
- Awareness, Preparedness, Understanding

Computer Club, Help Center, SIGs, Presentations, FirstTime, classes
Cyber Security SIG meetings, NEWSBLOG
Internet

- Questions, suggestions, comments?

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