

Sun City Computer Club

Cyber Security SIG

September 17, 2020

**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**



Hi [redacted]@gmail.com,

We have reset your EA Account password. We know this is an inconvenience, and hope you recognize that we take the safety of your personal information seriously.

What happened?

After detecting potentially suspicious activity associated with your EA Account, we reset the password to protect your personal information. At this time, we do not think the suspicious activity is the result of unauthorized access to EA databases. We think the activity may be related to issues like phishing, using weak passwords, logging in from shared connections, or using the same password on multiple websites.

What do I need to do?

Use this URL to change your password:

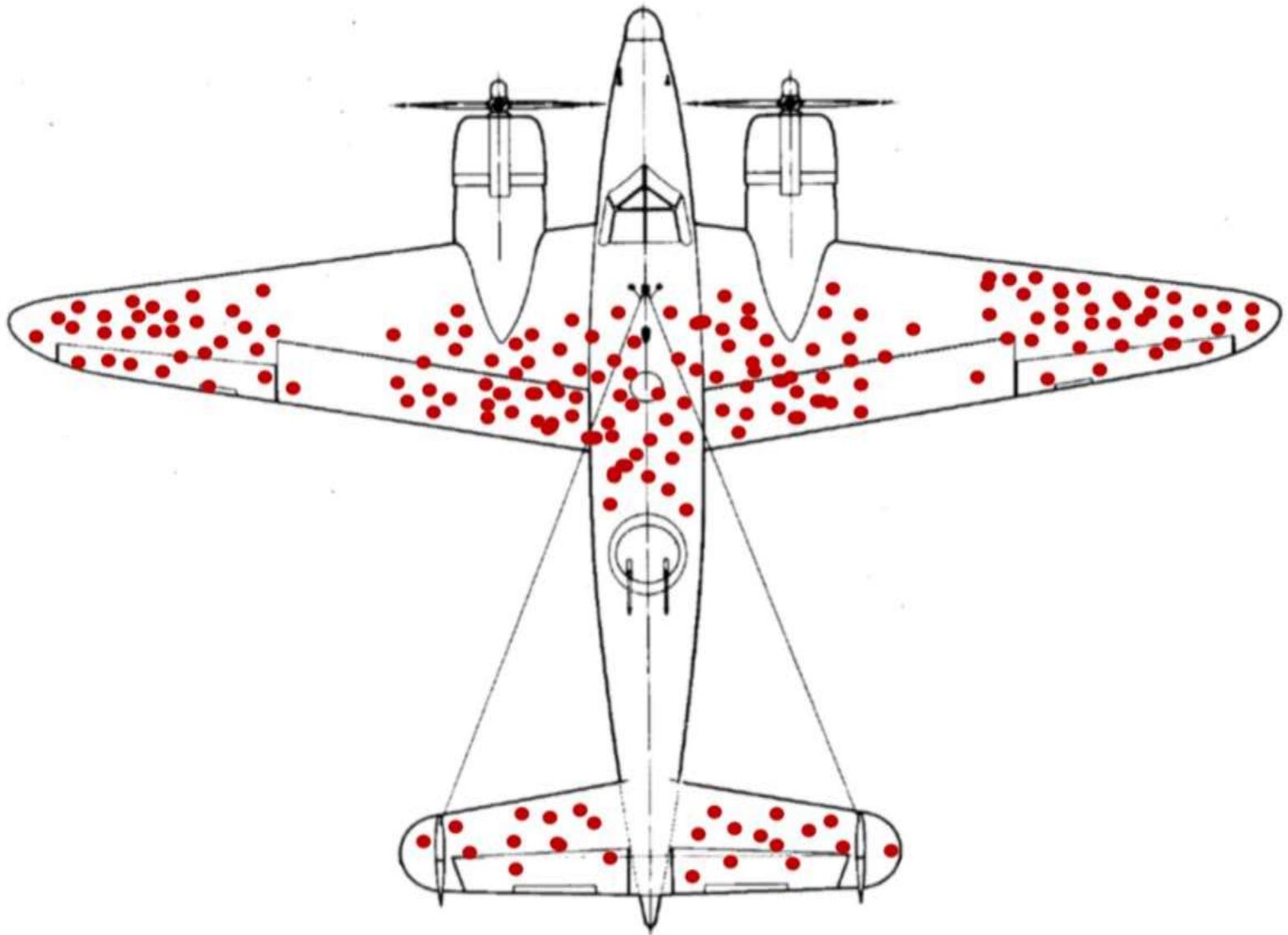
https://signin.ea.com/p/web2/resetPassword?state=confirmed&token=4OGsEH32I1MjM1ODI5MzIzNS5jZGVmZ2hqa3dlcm9hc2QxMjM0R9WcEX57GmjAxxio8mR5IFActZ0UwHkNMj9kGkPqfxVI9V5tbir6Zjp6u6tTdfCxfOOGpYMuKBggfgA222ovgXlv45qjC9NyHFrsyYPA4fDIV1051...&locale=en_US



Tip: We suggest manually typing the URL into a browser, to ensure that you open a secure page. Secure page URLs use the https prefix.

When you're resetting your password, we also suggest that you check out several other tips for keeping your account secure:





VIVALDI MAIL

 jenkinson@vivaldi.net

 Password

LOGIN

Need an account? [Register](#) for a free account here!

[Forgot your password](#) | [username?](#)

[Vivaldi Webmail](#) • [Get support](#)

 Username does not exist.



DHS Combats Potential Electromagnetic Pulse (EMP) Attack



Release Date: September 3, 2020

Releases: [Electromagnetic Pulse \(EMP\) Program Status Report](#)

WASHINGTON - The U.S. Department of Homeland Security (DHS) continues to prepare against ever evolving threats against the American homeland, most recently highlighting efforts to combat an Electromagnetic Pulse attack which could disrupt the electrical grid and potentially damage electronics. Today, the department is releasing the [Electromagnetic Pulse \(EMP\) Program Status Report](#) as part of an update on efforts underway in support of *Executive Order (E.O.) 13865 on Coordinating National Resilience to Electromagnetic Pulses*. E.O. 13865 establishes resilience and security standards for U.S. critical infrastructure as a national priority.



Text Message
Today 2:21 AM

Your Alaska USA
Account Unusual
Activity Noticed,
Please Visit
[https://
alaskausasmxz.org](https://alaskausasmxz.org)
g to resolve.

Whois Record for AlaskaUsaSmXz.org

— Domain Profile

| | |
|--------------------|--|
| Registrant Org | N/A |
| Registrant Country | us |
| Registrar | PDR Ltd. d/b/a PublicDomainRegistry.com IANA ID: 303 URL: http://www.publicdomainregistry.com Whois Server: whois.publicdomainregistry.com abuse-contact@publicdomainregistry.com (p) 12013775952 |
| Registrar Status | addPeriod, clientTransferProhibited, serverTransferProhibited |
| Dates | 1 days old Created on 2020-09-08 Expires on 2021-09-08 Updated on 2020-09-08 |
| Name Servers | NS1.HOSTEONS.COM (has 388 domains) NS2.HOSTEONS.COM (has 388 domains) NS3.HOSTEONS.COM (has 388 domains) NS4.HOSTEONS.COM (has 388 domains) |



BIDEN

Sign up to find out how you
can help organize.

START

No SIM

4:08 PM



BACK TO VOTING HISTORY

Tell Us More About [REDACTED] Jones

Location: SURPRISE, AZ

Born: [REDACTED]

Age: 25-30

Tags

Text Opt-in

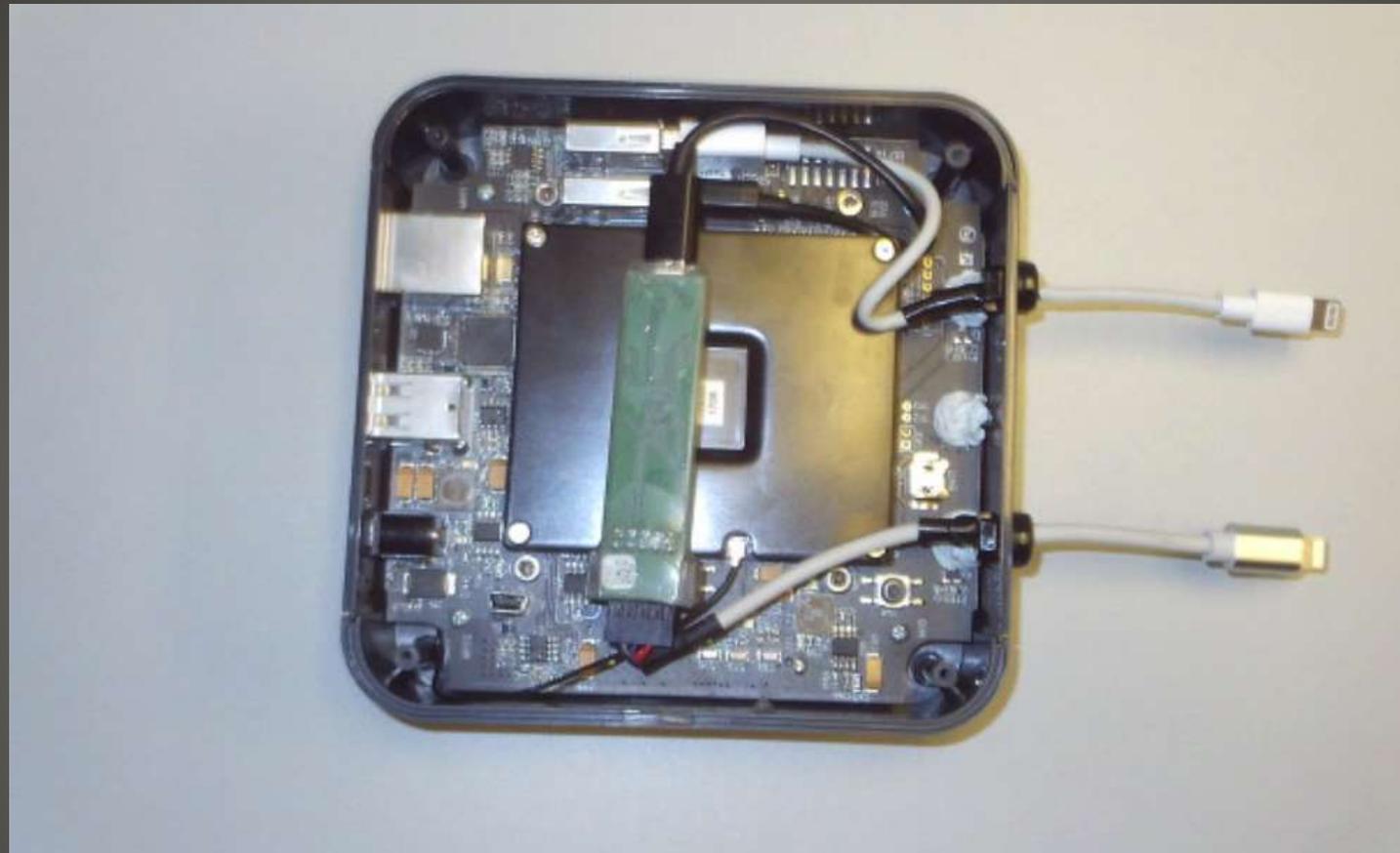


Issue - Immigration



Oh my





GrayKey **FCC**



From: Survival Mask <survivalmask@facemask.com>
Subject: This Mask Could Help Against Deadly Virus Outbreak
2020-08-20, 1:03 AM

EXCLUSIVE: Could This Certified Face Mask Help Prevent Deadly Virus Outbreaks?

<http://0x455e8c63/0s10f9d2s4s2ecs561s4977s9139s4s11dcdl>



It that helps fight Corona-virus - Mozilla Thunderbird
File Edit View Go Message Bookmarks Help
Get Messages Write Chat Address Book To go

From: GermCide X <germicide@protectgerms.com>
Subject: It that helps fight Corona-virus
2020-08-22, 2:26 AM

Portable Medical Grade UV Germs and Bacteria Killer

Get Yours While Supplies Last

<http://0x455e8c7a/0s156922es14s2f7s56cs49cfs9294s4s157770c>



From: Annie Smith <annie.smith@datoupharm.com>
Subject: How To "Turn On" Your Metabolism In 3 Seconds
2020-08-21, 8:50 PM

10-Day Rapid Fat Loss Diet



While you don't have to change your diet in order for CarboFix to work...

<http://0x455e8c76/0s1da99d7s18s2f5s56as49bfs9279s4s1db7e8a>
As a personal nutrition coach, I always recommend it.

That's because I don't just want you to lose a bunch of weight.

I want you to have a strong, healthy heart...

I want you to have healthy cholesterol levels...

And healthy blood pressure...

I want you to have lots of energy...

From: Eric Matteo <ericateo@vitalflow.com>
Subject: Vital Flow Prostate Care
2020-08-20, 6:03 PM

[Click Here to Claim Your VitalFlow Prostate Support](#)

VitalFlow Prostate Supplement - The Dietary Supplement that Can Reduce the Size of a Enlarged Prostate

<http://0x455e8c67/0s16a46f3s14s2ees563s498ds917ds4s16b2a66>

Do THIS Simple 60-Second Trick For Breakfast

Save Your Prostate



- US Court of Appeals of 9th Circuit rules warrantless telephone dragnet violates FISA
perhaps unconstitutional
- Tank shoots down cruise missile
- DOJ warning Investigators?
- iMessage photo EXIF data
helpful <-> harmful
- BlindSide joins Spectre & Meltdown
- Microsoft 365 MFA flaw

Current Events



- Microsoft patch Tuesday 129 vulnerabilities
- iOS 14
Safari 14
- Tutanota DDOS
- Portland, Oregon facial recognition ban

Current events



- Firefox warning TLS 1.0 & 1.1 to be disabled
- Chromium Ad Tagging

Enable `chrome://flags/#enable-heavy-ad-intervention`

Disable `chrome://flags/#heavy-ad-privacy-mitigations`

● **Heavy Ad Intervention**

Unloads ads that use too many device resources. – Mac, Windows

[#enable-heavy-ad-intervention](#)

Enabled



● **Heavy ad privacy mitigations**

Enables privacy mitigations for the heavy ad intervention. Disabling this makes the intervention deterministic. Defaults to enabled. – Mac, Windows

[#heavy-ad-privacy-mitigations](#)

Enabled



Windows PowerShell

```
PS C:\Users\john> Get-Clipboard -Format text
```

```
NoOne should see this!!
```

```
PS C:\Users\john>
```

Clipboard



Downloads

Location

[Redacted]

Change

Ask me what to do with each download



Always ask me if I want to save a file or open it without saving

and services

Download control Chromium



- 2FA
- Dashboard > Advanced > Two-factor Authentication
- Current version 5.2.3

zoom





***WHAT IS THE DIFFERENCE
BETWEEN 5G & 4G***

5G

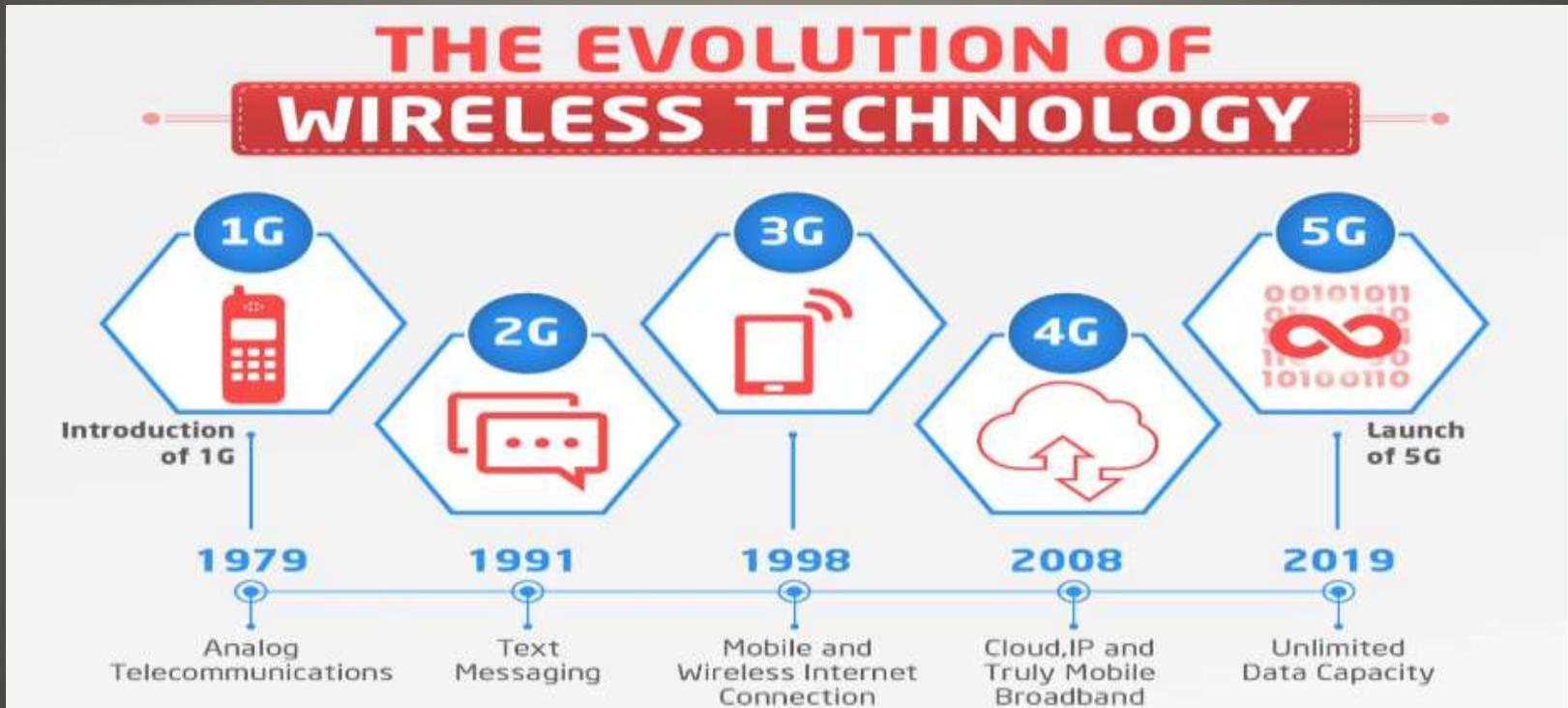


- Evolving standard
3rd Generation Partnership Project
3GPP
5G NR Release 15, 16, 17,
- 3 bands
millimeter-wave 24GHz – 47GHz
Mid-band 2.5GHz, 3.5GHz, 3.7-4.2GHz
Low-band 600MHz, 800MHz, 900MHz

5G



- New *type* of network
- Connect *everything*



5G



- Low latency < 1 ms
- High call density 100x
- Cell towers -> light poles
- 10% decrease in energy to power

- Cost to establish
- Limited coverage
- Crowded spectrum
- Huawei & geopolitical
- Weather forecasting

5G



- Greater usage > Greater risks
- IoT
- Botnets & DDOS
- Authentication
- Encryption data portions
- Tracking
- Spoofing
- Jamming
- I.e. Radio

5G Security



- Health risks
- Frequency – non-ionizing?
- Higher exposure due to more transmitters

5G



Tower Search Results!



Alert! 17 Towers (7 Registered, 10 Not Registered) found within 3.00 miles of 105 Liatris Ln, Georgetown, TX 78628.



Info! The NEAREST Tower is .81 miles away and is owned by American Towers Llc.



Ok! No Applications for Future Towers detected as of 09/06/20.

| Tower Type | ID Num | Site Owner | Height | Dist |
|---|--------|---|----------|------------|
|  | (1) | American Towers Llc | 199 feet | .81 miles |
| | (2) | Chisholm Trail Special Utility District | 35 feet | 1.08 miles |
| | (3) | T-mobile West Tower Llc | 104 feet | 1.41 miles |
| | (4) | City Of Georgetown Texas | 110 feet | 1.53 miles |
| | (5) | Sba 2012 Tc Assets, Llc | 109 feet | 2.23 miles |
| | (6) | Celco Partnership | 145 feet | 2.51 miles |
| | (7) | Celco Partnership | 99 feet | 2.54 miles |
|  | (1) | Crown Communication Llc | 200 feet | 1.34 miles |
| | (2) | Gte Mobilnet Of Austin Lp | 198 feet | 1.55 miles |
| | (3) | City Of Georgetown | 120 feet | 1.56 miles |
| | (4) | Voicestream Wireless | 150 feet | 1.77 miles |
| | (5) | Chisholm Trail Special Utility District | 35 feet | 2.02 miles |
| | (6) | Acc Mc Caw Cellular Of Fresno | 160 feet | 2.04 miles |
| | (7) | Williamson County, Texas | 400 feet | 2.16 miles |
| | (8) | T-mobile | 126 feet | 2.65 miles |
| | (9) | Grace Bible Fellowship | 27 feet | 2.75 miles |
| | (10) | T-mobile | 106 feet | 2.82 miles |
|  | Future | (No Towers Detected) | | |



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

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

- Questions, suggestions, comments?

SCCCCyber@gmail.com



QUESTIONS ?

