# Sun City Computer Club

Cyber Security SIG

June 18, 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**

# Current Issues

- DARPA bug bounty  DARPA hardware
- Apple stopped signing iOS 13.5
- Fake Energy Honeypot
- Certificate lifetime  IoT
- Honda ransomware attack
- Crossbow  Stingray upgrade
- Ransomware
  Honda, Knoxville, Lion Beverage

- www.scmagazine.com: Ransomware attack compromises Australian beer supply
- www.theregister.com: Now you've done it: Cyber attack targeted Australian brewery
- www.zdnet.com: Lion warns of beer shortages following ransomware attack

# Current Issues

- Windows 10 woes
- Windows 10 Version 2004
- SSD defrag on every reboot
- TRIM on non-SSD
- Windows patch Tuesday
- Printers bad
- 130 vulnerabilities, 11 **critical**
- SMB
- Windows 10 2004 Storage Spaces
- Google prompts July 7
- Firefox 77.0 77.0.1

# Current Issues

- Sextortion – new chapter
- Zoom E2E  for pay
- Atlanta Police Department attack

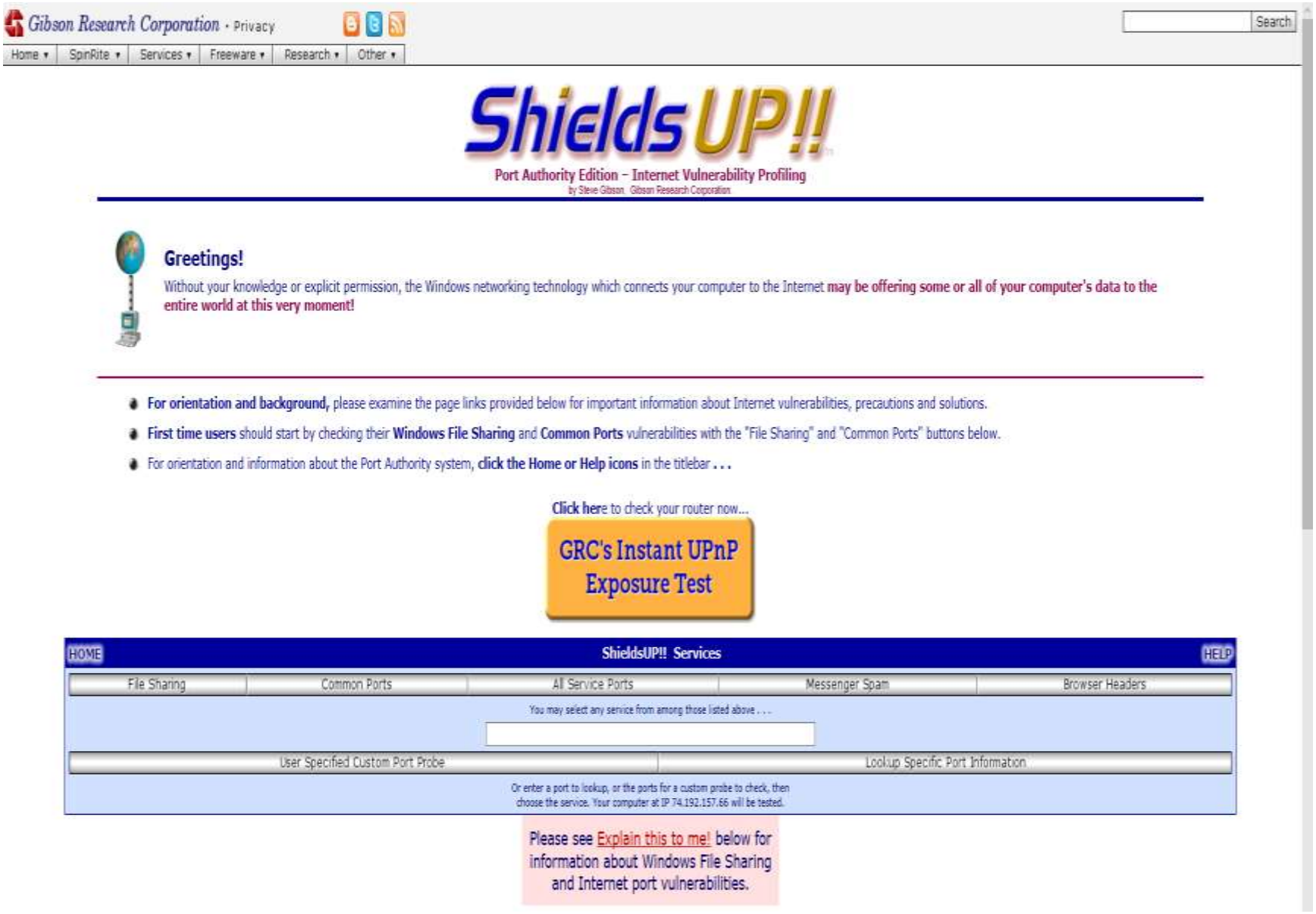
- CallStranger UPnP CVE-2020-12695

# CallStranger

- Any and all Internet of Things
- Latest firmware
- Strong Administrator Passphrase
- Network Segmentation
- Add security via settings
- Monitor
- Scan  grc.com  Shields up  UPnP

## Router  Wireless Access Point

- https://www.grc.com
  ShieldsUP!


Gibson Research Corporation · Privacy
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Home ▾ SpinRite ▾ Services ▾ Freeware ▾ Research ▾ Other ▾
ShieldsUP!!
Port Authority Edition – Internet Vulnerability Profiling
by Steve Gibson Gibson Research Corporation
Greetings!
Without your knowledge or explicit permission, the Windows networking technology which connects your computer to the Internet may be offering some or all of your computer's data to the entire world at this very moment!
For orientation and background, please examine the page links provided below for important information about Internet vulnerabilities, precautions and solutions.
First time users should start by checking their Windows File Sharing and Common Ports vulnerabilities with the "File Sharing" and "Common Ports" buttons below.
For orientation and information about the Port Authority system, click the Home or Help icons in the titlebar . . .
Click here to check your router now...
GRC's Instant UPnP Exposure Test
HOME
ShieldsUP!! Services
HELP
File Sharing
Common Ports
All Service Ports
Messenger Spam
Browser Headers
You may select any service from among those listed above . . .
User Specified Custom Port Probe
Lookup Specific Port Information
Or enter a port to lookup, or the ports for a custom probe to check, then choose the service. Your computer at IP 74.192.157.66 will be tested.
Please see Explain this to me! below for information about Windows File Sharing and Internet port vulnerabilities.

Gibson Research Corporation · Data Recovery

Home · SpinRite · Services · Freeware · Research · Other ·

# ShieldsUP!!

Port Authority Edition – Internet Vulnerability Profiling

by Steve Gibson, Gibson Research Corporation

## Universal Plug n'Play (UPnP)
## Internet Exposure Test

This Internet probe sends up to ten (10) UPnP Simple Service Discovery Protocol (SSDP) M-SEARCH UDP packets, one every half-second, to our visitor's current IPv4 address [redacted] in an attempt to solicit a response from any publicly exposed and listening UPnP SSDP service. The UPnP protocols were **never** designed to be exposed to the public Internet, and **any** Internet-facing equipment which does so should be considered defective, insecure, and unusable. Any such equipment should be disconnected immediately.

**Your equipment at IP:**

[redacted]

**Is now being queried:**

[redacted]

THE EQUIPMENT AT THE TARGET IP ADDRESS
**DID NOT RESPOND TO OUR UPnP PROBES!**

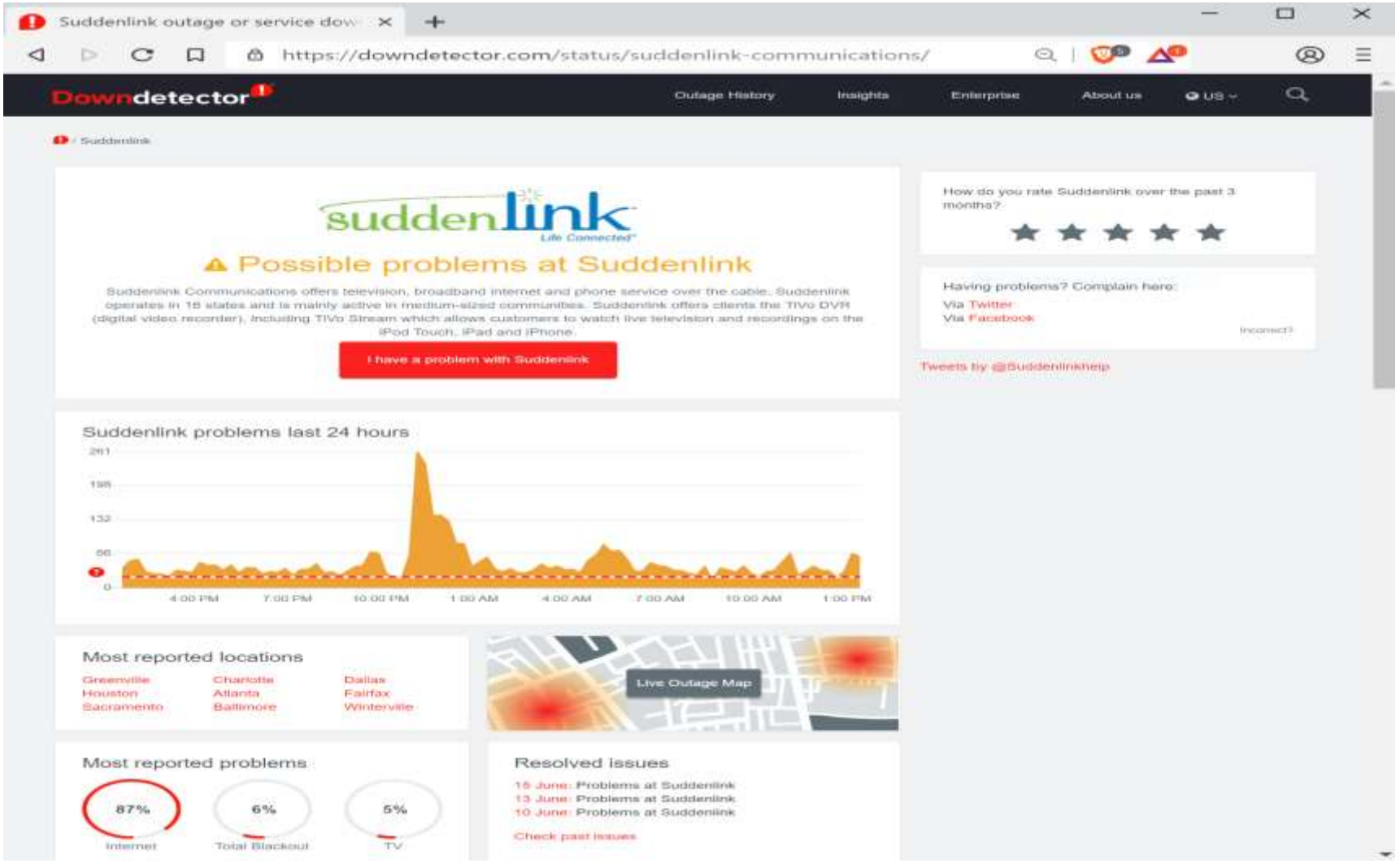
*(That's good news!)*

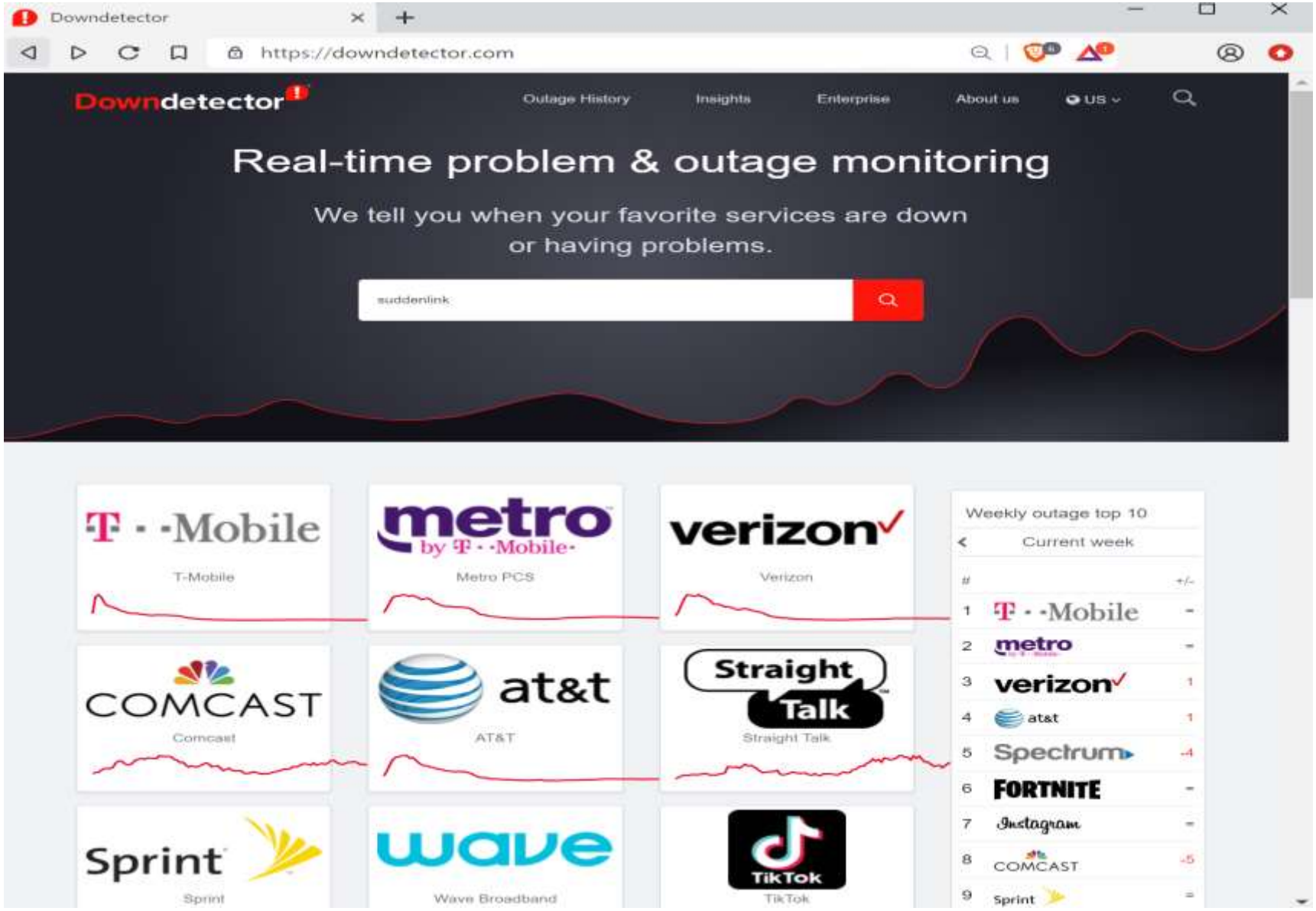
# Universal Plug and Play UPnP

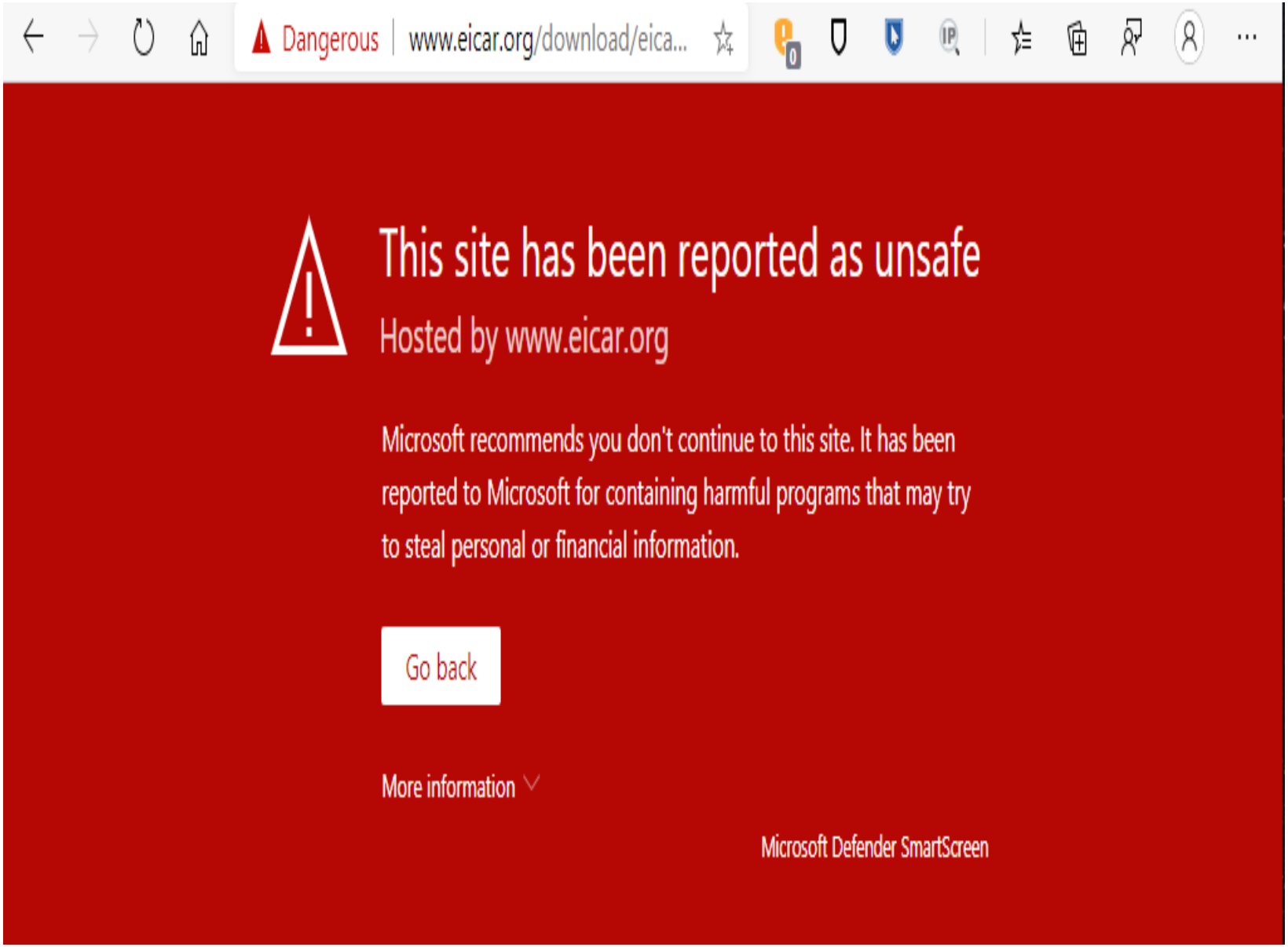
- Router and WAP don’t show UPnP ports
- Disable UPnP  disables future openings
- Disable UPnP, power cycle, check firmware, update firmware if applicable, power cycle, check UPnP settings, check grc.com

Connectivity
View and change router settings
Basic
Internet Settings
Local Network
Advanced Routing
VLAN
Administration
Local Management Access
HTTP
HTTPS
Access via wireless
UPnP
Enabled
Allow users to configure
Allow users to disable Internet access
Application Layer Gateway
SIP

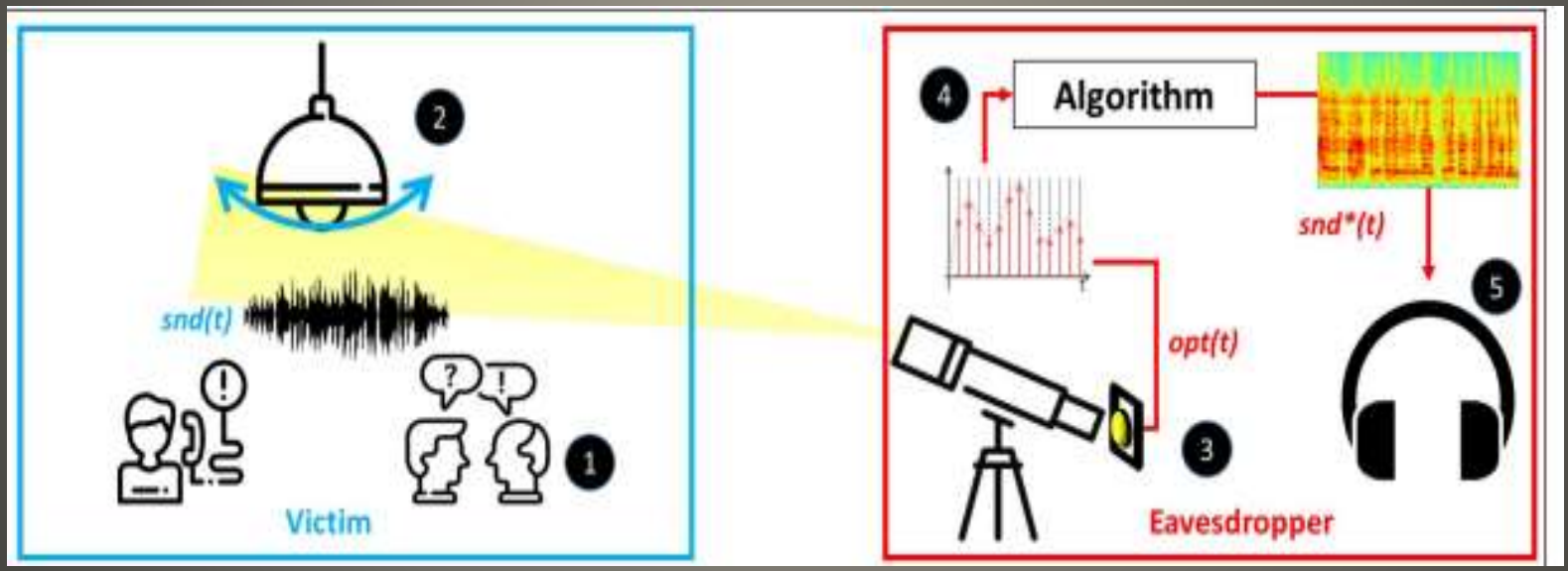
# UPnP


Suddenlink outage or service dow
https://downdetector.com/status/suddenlink-communications/
Downdetector
Outage History
Insights
Enterprise
About us
US
Suddenlink
suddenlink
Life Connected
Possible problems at Suddenlink
Suddenlink Communications offers television, broadband internet and phone service over the cable. Suddenlink operates in 18 states and is mainly active in medium-sized communities. Suddenlink offers clients the TiVo DVR (digital video recorder), including TiVo Stream which allows customers to watch live television and recordings on the iPod Touch, iPad and iPhone.
I have a problem with Suddenlink
How do you rate Suddenlink over the past 3 months?
Having problems? Complain here:
Via Twitter
Via Facebook
Incorrect?
Tweets by @Suddenlinkhelp
Suddenlink problems last 24 hours
261
195
133
66
0
4:00 PM
7:00 PM
10:00 PM
1:00 AM
4:00 AM
7:00 AM
10:00 AM
1:00 PM
Most reported locations
Greenville
Houston
Sacramento
Charlotte
Atlanta
Baltimore
Dallas
Fairfax
Winterville
Live Outage Map
Most reported problems
87%
Internet
6%
Total Blackout
5%
TV
Resolved issues
15 June: Problems at Suddenlink
13 June: Problems at Suddenlink
10 June: Problems at Suddenlink
Check past issues


Downdetector
https://downdetector.com
Downdetector
Outage History
Insights
Enterprise
About us
US
Real-time problem & outage monitoring
We tell you when your favorite services are down or having problems.
suddenlink
T-Mobile
Metro PCS
Verizon
Comcast
AT&T
Straight Talk
Sprint
Wave Broadband
TikTok
Weekly outage top 10
Current week
1 T-Mobile
2 metro
3 verizon
4 at&t
5 Spectrum
6 FORTNITE
7 Instagram
8 COMCAST
9 Sprint


Dangerous
www.eicar.org/download/eica...
This site has been reported as unsafe
Hosted by www.eicar.org
Microsoft recommends you don't continue to this site. It has been reported to Microsoft for containing harmful programs that may try to steal personal or financial information.
Go back
More information
Microsoft Defender SmartScreen

- RF detection  Wi-Fi wave pattern
- Laser detection
- High frame rate camera




# Lamphone

- 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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QUESTIONS?