

Dangerous Apps

Keeping Your Children Safe in a
Changing Online World

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- Extensive research in protecting children in the virtual world
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Dangerous Apps

- What makes an app dangerous?
 - Connectivity
 - Social interaction
 - GPS location
 - Anonymity (includes false profiles)
 - Lack of filtering
 - Intent of the app

Dangerous Trends

- Increasing demand for apps that pinpoint location of users
- Skirting the law where precedence has not been set (prostitution)
- The lure of monetary gain or receiving of gifts (Sugar Daddy apps)
- Increasing number of apps aimed at sexual activity

Apps To Discuss

- Snapchat, KiK, and other Ims
- Omegle, Whisper, and other Anons
- Yik Yak and other GPS location SMs
- Seeking Arrangement, Mingleton, and other Sugar Daddy apps
- Poof and other “hiding” apps

Preventing vs Monitoring

- Prevention – usually aimed at younger children. Prevents content from being displayed or blocks websites and apps. Parental filtering – NetNanny
- Monitoring – older children. Silently monitors their activity on all apps. Does not block. Alerts parents secretly. Spyware – PhoneSheriff/others

It is YOUR Phone!

- I am against giving smartphones as gifts
 - A gift signifies ownership
 - It is your phone on your plan
- I do not allow passwords I do not know
 - If I can't unlock the phone, I cut it off
 - If I can't open an app, I cut off data
- I do not allow the phone in the bathroom or bedroom at night

The Dark Web

- Deep Web – the parts of the Internet that cannot be indexed by traditional search engines (96 – 97% of the Internet)
- Darknet – a private overlay network
- Dark Web – the part of the World Wide Web built on top of darknets

An iceberg floating in the ocean. The small tip above the water is labeled 'Visible Internet' with a white arrow pointing to it. The much larger, submerged part of the iceberg is labeled 'Deep Web' with a white bracket.

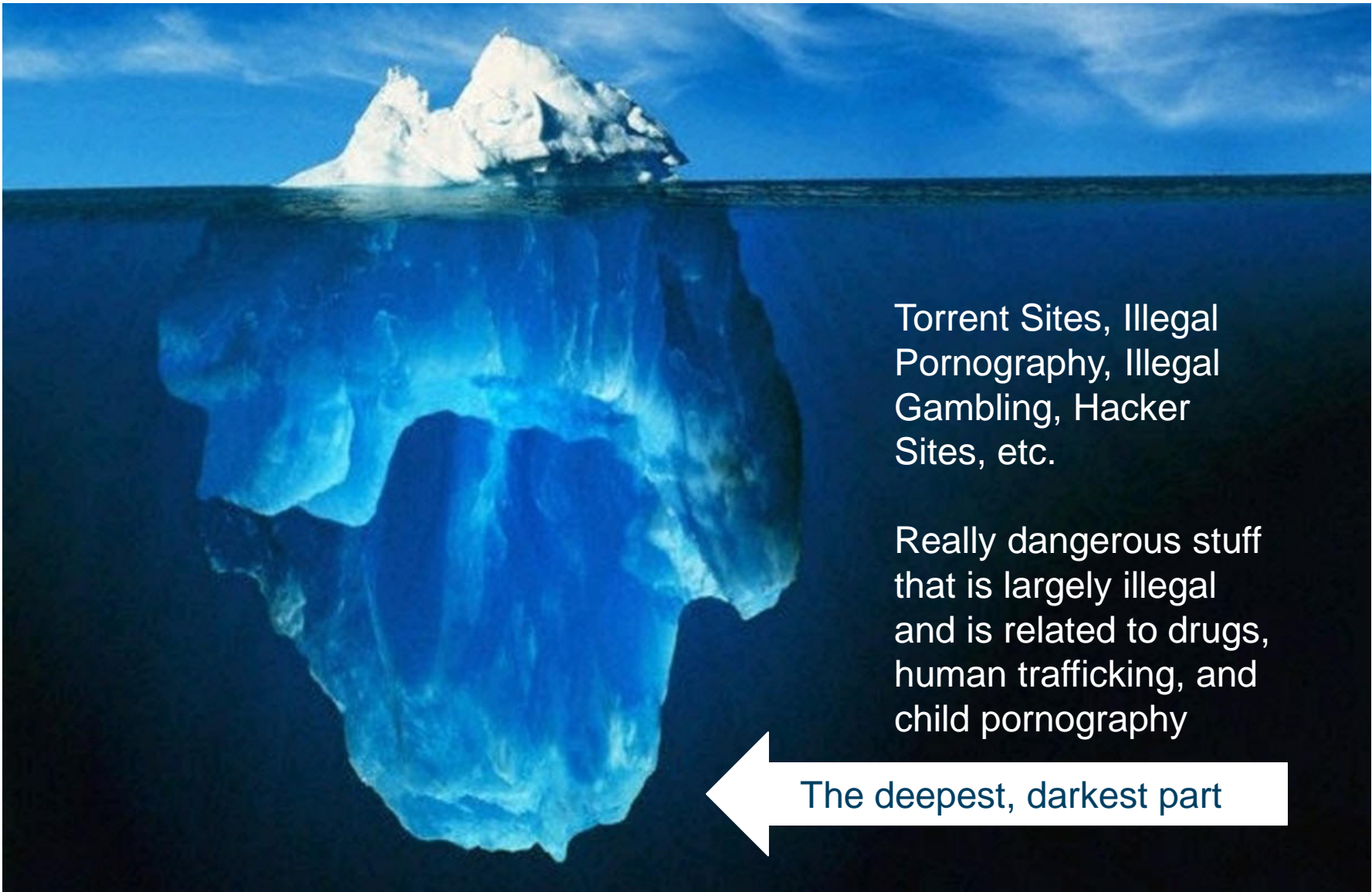
← Visible Internet

Deep Web



Facebook, Twitter, Google,
News, Online Banking, e-mail,
etc.

Databases, Password
Protected Websites,
Federal/State/County/
City Public Records,
Intranets, Message
Boards, Website
Archives, Forums,
Classified
Advertisements,
Online Library
Catalogs, etc.



Torrent Sites, Illegal Pornography, Illegal Gambling, Hacker Sites, etc.

Really dangerous stuff that is largely illegal and is related to drugs, human trafficking, and child pornography

← The deepest, darkest part

Recruitment and Training

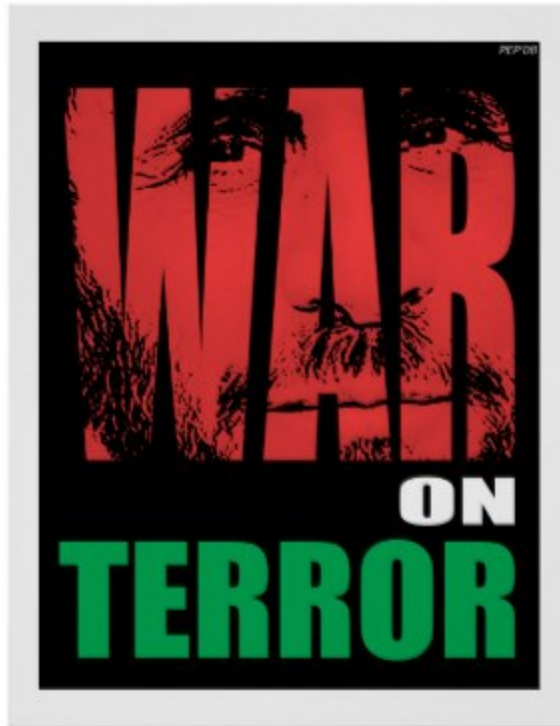
Intel Channels

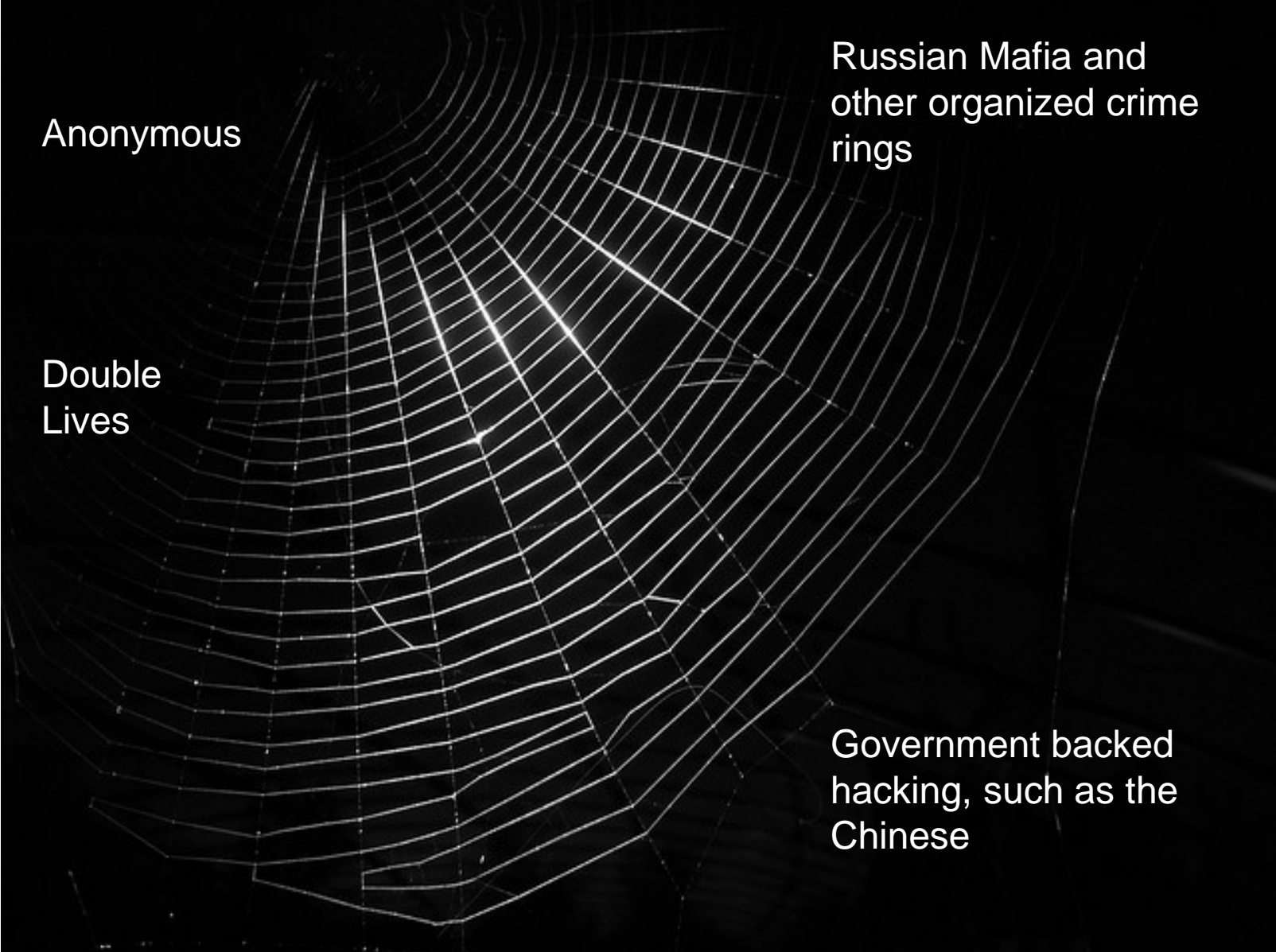
Bootleg Passports

Bomb Making

Fund Transfers

Travel Arrangements





Anonymous

Russian Mafia and
other organized crime
rings

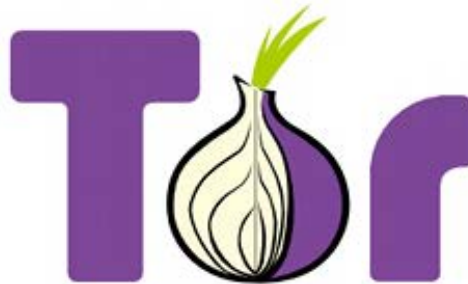
Double
Lives

Government backed
hacking, such as the
Chinese

It's no place to play around!



What is a TOR?



*Tor Flurry Icon Set
by jord99*

*For aesthetics only -
Not affiliated with Tor*

TorProject.org



Offline



Online



Starting



Stopping

The Onion Router

- Online Anonymity
- Must use Tor download to navigate
- Not your normal search
- Encrypts and Masks your activity
- Very popular for illegal activity
- Check your child's computer!

Tor Browser Icons



.onion Sites

- Silk Road – purchase illegal drugs + more
- The Hidden Wiki – you can find anything
- The General Store – more illegal drugs
- Search Engines – not like Google
 - No indexing – uses tags
 - CP = Child Pornography
 - PD = Pedophilia

Let's talk about Silk Road



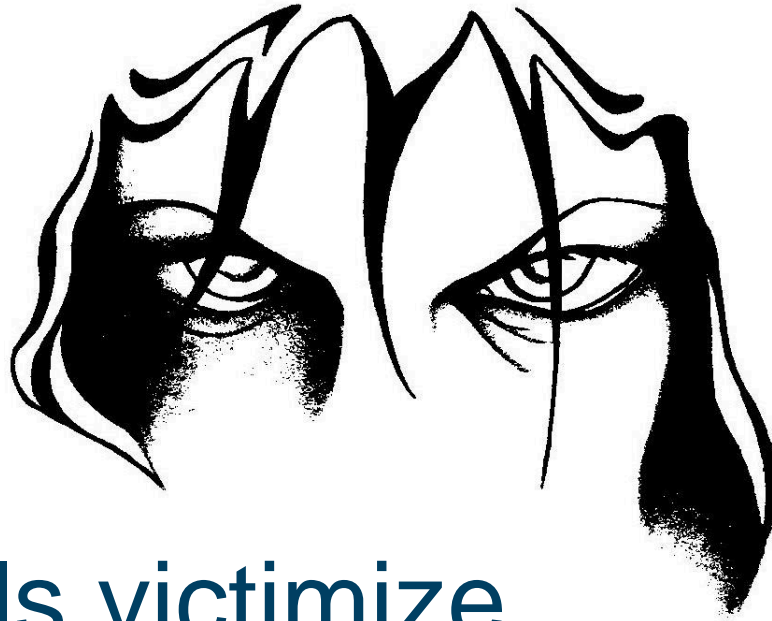
Silk Road

- Once on the .onion site, you see:
 - Drugs(688)
 - Cannabis(269)
 - Ecstasy(36)
 - Dissociatives(7)
 - Psychedelics(68)
 - Opioids(68)
 - Stimulants(52)
 - Other(100)
 - Benzos(46)

Silk Road

- But, you also see other categories, like:
 - Lab Supplies(3)
 - Services(47)
 - Money(46)
 - Weaponry(7)
 - Paraphernalia(27)
 - XXX(26)
 - Forgeries(10)

If a **person** partakes in **criminal activity**, then they are **a criminal**.

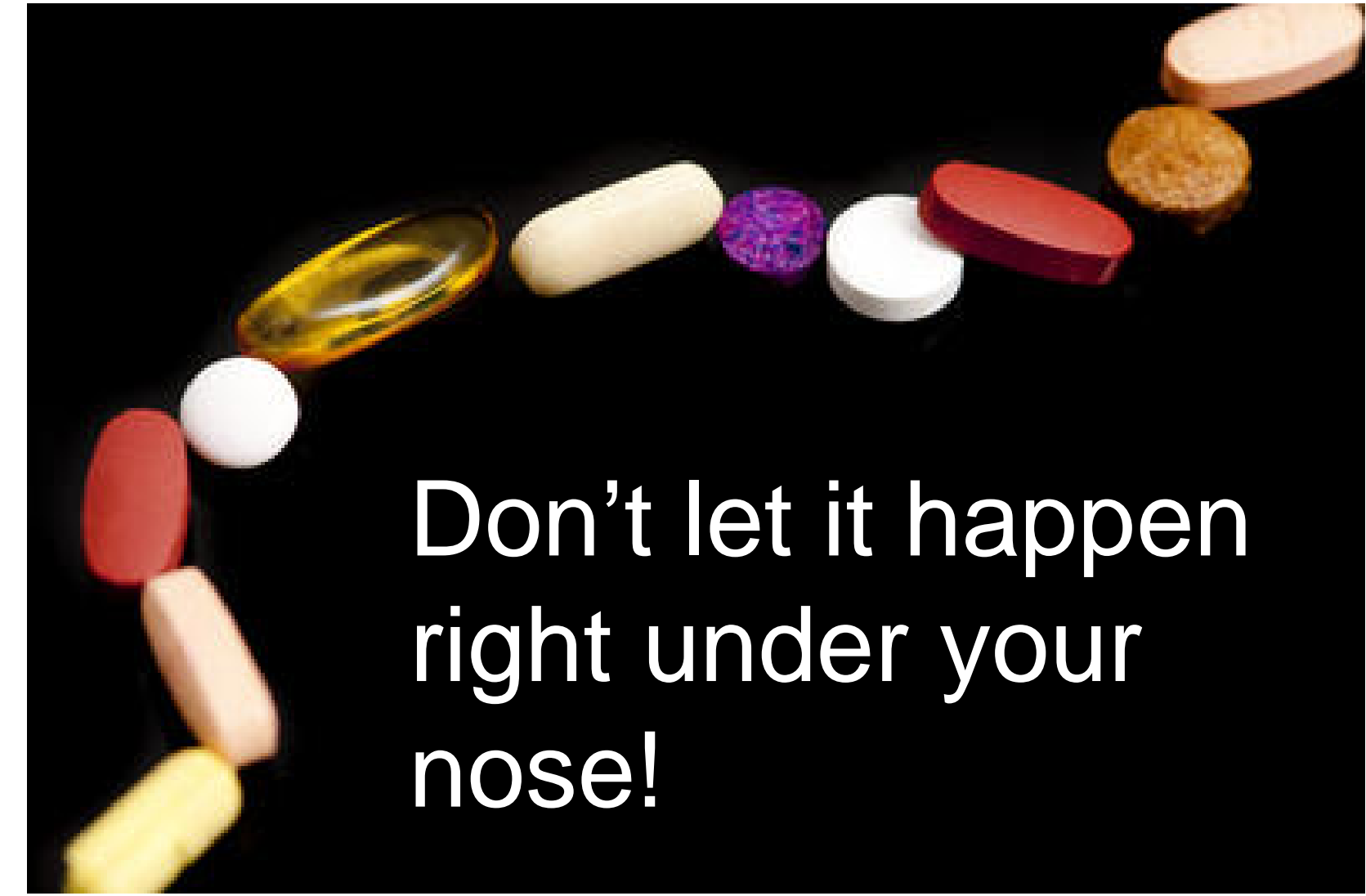


Criminals victimize
other **criminals**

Just as there may be certain parts of the city
you wish to avoid,



So goes
the
Internet.



Don't let it happen
right under your
nose!