

# Conference of Chief Justices *Midyear Meeting – 2016*

CyberSecurity: How to stay safe



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# WHAT WE USED TO TALK ABOUT

- Georgia Department of Labor – 1,000 personnel records sent to wrong email address
- Virginia Department of Human Resources – 13,000 personnel records were sent to wrong email address
- Medical University of South Carolina – 7,000 personnel records were compromised
- Missouri Dental Office – 10,000 patient records compromised
- Adobe – 38 million user ID's and passwords

What a difference one  
(1) year makes...





70 million individuals (partial name, mailing address, phone, email) 40 million credit / debit card accounts

56 million credit / debit cards



78.8 million records (SS#'s, DOB, addresses, medical ID's)



76 million name, address, phone #, email



Approximately 395 stores impacted



Is there anyone who has not been  
“hacked?”

The worst is over!

My life is not that exciting, why  
target me?



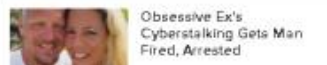


## Nation States – National Crime Rings



Data aggregators, Phone scammers, Your neighbor

# Obsessive Ex's Cyberstalking Gets Man Fired,



Login Activate Friday, January 12, 2016

## THE BUFFALO NEWS CITY & REGION

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City & Region

### Michigan man accused of cyberstalking 10 local females

Many victims are underage girls.

By Phil Fairbanks | News Staff Reporter | @PhilFairbanks2NY | Google+ on November 17, 2012 - 10:21 PM

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One by one, the young women came to the Kenmore police with disturbing tales of a stranger sending them messages, some by text, some through Facebook and Twitter.

His demands were clear: Communicate with me or I'll send nude pictures of you to your friends and family.

Over time, it became clear to investigators that this was no ordinary case of stalking but the work of a savvy individual with a sophisticated knowledge of technology.

The number of victims, meanwhile, started to mount - 10 at last count, all from Western New York and many of them underage girls. Even more alarming, perhaps, the man police suspected behind it all lived more than 300 miles away in Michigan.

"We don't have geography as a limiting factor anymore," said Christopher M. Fishota, special agent in charge of the FBI office in Buffalo. "The physical boundaries that were once a factor in stalking? They've been removed."

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The top stories from your favorite sections delivered to your inbox.  
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NDC view - Alerts and Tr... Multnomah County to bu... Woman accused of cyber...  
www.wbrz.com/news/woman-accused-of-cyberstalking-defaming-judge/

**WBRZ 2 abc** 54°

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## Woman accused of cyberstalking, defaming judge

January 15, 2015 in News Source: WBRZ By: Brock Sues Share: [Email] [Facebook] [Twitter] [Google+]



Desktop News  
Click to open Continuous News in a sidebar that updates in real-time.

RADAR 7 DAYS  
WBRZ LOCAL RADAR  
LOCAL RADAR

News Video

Topics : Zaine Kasem, cyberstalking, East Baton Rouge Parish, judge, defamation, arrest

Start [Internet Explorer] [Google Chrome] [Firefox] [Photos] [Word] 6:53 PM 1/19/2016

The victim told detectives that when she asked Kasem to stop contacting her office via phone and email the woman created a public website and posted personal photos of the judge and her family, including three minor children, to it. Kasem also allegedly created an Instagram account and posted photos of the judge and her family there as well. Both the website and the Instagram account had text content that made claims that accused the judge of being a corrupt thief.



# CyberSecurity - Home





Google hacking your neighbor's wifi

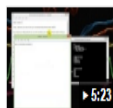
All News Videos Images Shopping More Search tools  
About 13,800 results (0.29 seconds)

### How to hack your neighbors WiFi for free WORKS - YouTube



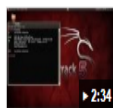
https://www.youtube.com/watch?v=iDvGnwmhPI  
Dec 23, 2013 - Uploaded by kom76live  
2 easy steps if you dont get caught you get free internet !!!!

### How to find any wifi password of your neighbor ... - YouTube



https://www.youtube.com/watch?v=erHRfJlbSI  
Dec 25, 2014 - Uploaded by Tech & IT  
Today i will show you how to find your connected wifi password with CMD? ... Guys I'm using a great tool ...

### Hack your Neighbour wi-fi in 10 mins - YouTube



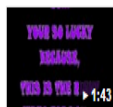
https://www.youtube.com/watch?v=Mv9yy1u3VUI  
Jan 13, 2013 - Uploaded by Cyber Shield  
even if your Neighbors are smart enough to use wpa2, still u can crack it in 10 min. use it for testing/education ...

### How to Steal Your Neighbors Wifi - YouTube



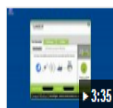
https://www.youtube.com/watch?v=yWhU\_eTYIYY  
Aug 8, 2014 - Uploaded by ThioJoe  
Highly requested tutorial on how to steal your neighbors wifi so you can use it for yourself! No hacking ...

### How To Hack Neighbor's WI FI It Works - YouTube



https://www.youtube.com/watch?v=nLkq9gDOFQ  
Sep 28, 2011 - Uploaded by Terence Ogarie  
How To Hack Neighbor's WI FI It Works .... How to find any wifi password of your neighbor wifi password or ...

### how to hack your neighbors internet - YouTube



https://www.youtube.com/watch?v=mwF79vfBhMA  
Oct 10, 2009 - Uploaded by thecomputerhowtodo  
I just hacked my wife facebook. its free make sure you follow the steps ... How to scare your neighbors: Name ...

Google hacking your neighbor's wifi

All News Videos Images Shopping More Search tools  
About 164,000 results (0.47 seconds)

### How to Crack Wi-Fi Passwords—For Beginners! « Hacks ...

mods-n-hacks.wonderhowto.com/.../crack-wi-fi-passwords-for-beginners...  
Oct 16, 2012 - Cracking those Wi-Fi passwords is your answer to temporary internet access. ... How to Hack WiFi Passwords for Free Wireless Internet on Your PS3 ..... Want to take advantage of your neighbor's super fast Wi-Fi connection? How to Hack WPA WiFi ... - How to Hack Wi-Fi: Cracking ...

### How to Hack Wi-Fi Passwords | PCMag.com

www.pcmag.com > ... > Software > Security > Networking > PC Magazine >  
Mar 6, 2015 - Perhaps you forgot the password on your own network, or don't have neighbors willing to share the Wi-Fi goodness. You could just go to a café ...

### How to hack your neighbors WiFi for free WORKS - YouTube



https://www.youtube.com/watch?v=iDvGnwmhPI  
Dec 23, 2013 - Uploaded by kom76live  
2 easy steps if you dont get caught you get free internet !!!!

### 5 Ways To Hack Into Your Neighbor's Wifi Network - Tips4pc

tips4pc.com > Computer tips and tricks >  
Nov 9, 2014 - Hacking into your neighbor's wifi network may be easier than you think —and, conversely, your neighbor may think it's easy to hack into your ...

### How to steal Wifi - wifi password hacking - Step to step


comorobarwifi.org/how-to-steal-wifi >  
As the title says, with this tutorial we will know how to steal wifi from your neighbour. ... To hack neighbors wifi, I mean to check the security of our network, we are ...

### How I cracked my neighbor's WiFi password without ...

arstechnica.com/security/.../wireless-password-easily-crack... > Ars Technica >  
Aug 28, 2012 - How I cracked my neighbor's WiFi password without breaking a sweat .... It's also true that it's trivial for hackers in your vicinity to capture the ...

### How to hack a Wi-Fi network - Quora

https://www.quora.com/How-can-I-hack-a-Wi-Fi-network-1 Quora >  
This is a catchall question for Wi-Fi hacking, including password bypass or password You may not be creating a security gap, but your repairman servicemen When I



# CyberSecurity – Why would someone want to access my WiFi?

- Turn off your alarm system
- Gain access to your house
- Access your computers – data
- Control appliances – lights – temperature - TV
- Use your network to do bad things (steal services)

# What can we do?

- Change factory Wifi Password to complex password Th#B3achB)Y% (TheBeachBoys)
- Establish a “guest” network – even if your family members live with you (allow them to share with trusted friends)



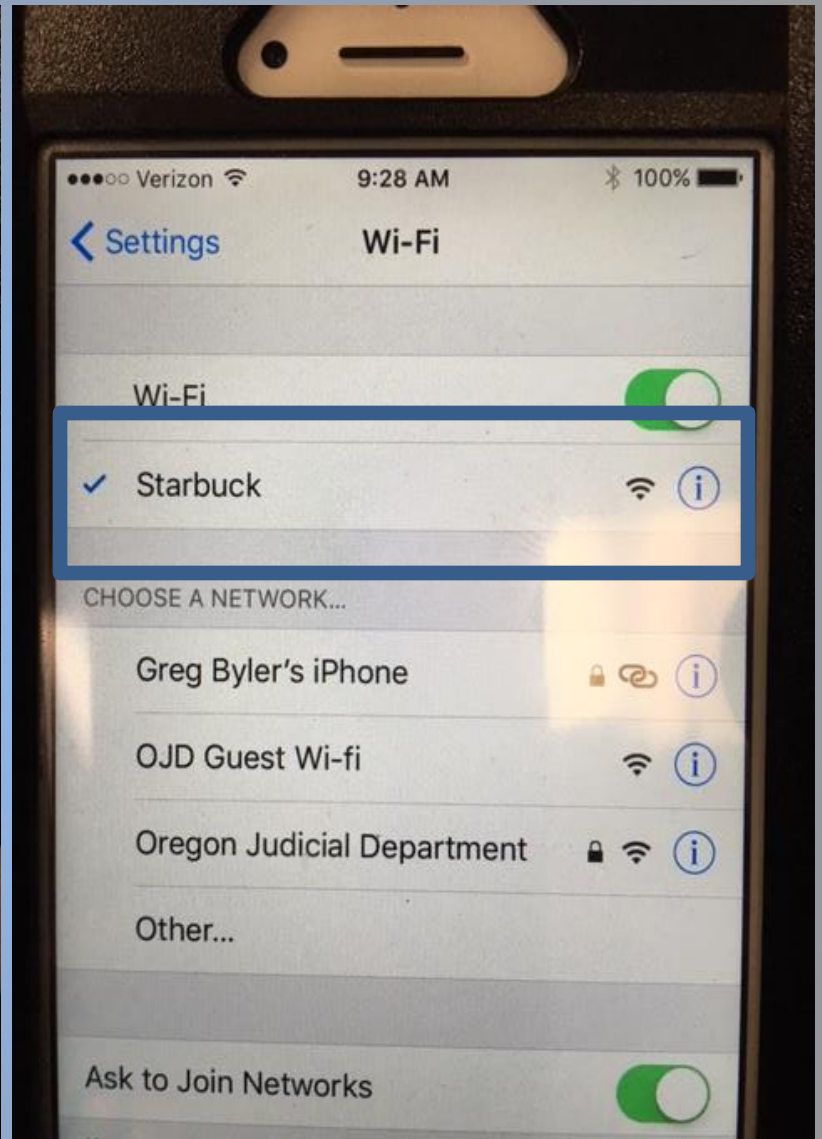
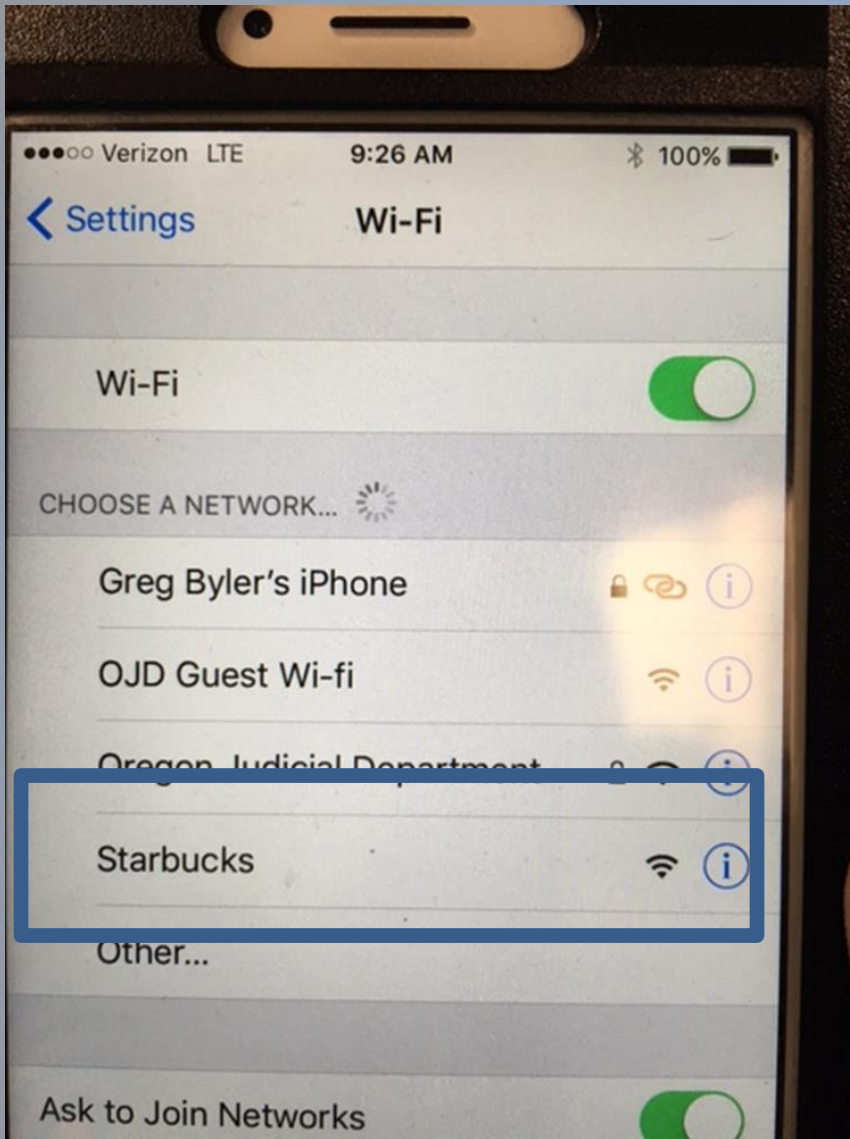
# What can we do?

- Rarely let “apps” store your password
- If you have a wireless camera system, have a separate password for that application/system (other apps like controlling your TV, I set to remember)
- Never name your wifi “Baehr Family Network”



# CyberSecurity – Away from Home

- Use credit card versus debit card
- Link smaller savings account versus large savings account to debit card
- Be aware that your device is tracking you
- Be careful when using “free” Wifi or “tethering”
- Never store personal information “SS# - DOB” on your mobile device





# CyberSecurity – Away from Home

- Always have a password/passcode on mobile device (cell).
- If you are going to use the “cloud” to store items, use major company: Apple, Microsoft, Amazon versus smaller vendor or “free” vendor.
- I generally do not “tag” my pictures with location / date/ time information.
- Turn on “find my iPhone” “Android Device Manager” service.

# CyberSecurity – Away from Home



**WITHOUT**

**WITH**



# CyberSecurity – Facebook

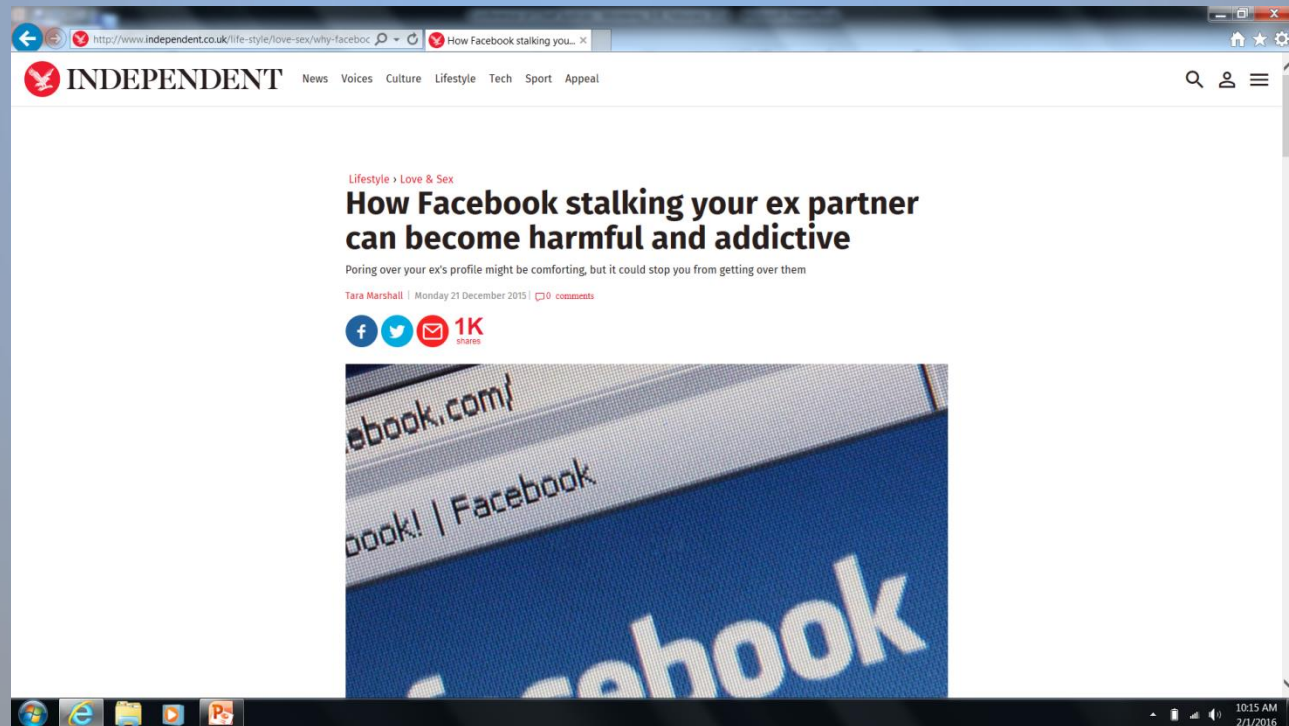
- Be selective with your “friends”
- Enact privacy settings – don’t “tag” pictures with date/time
- Log-out when not using
- Limit PII information (such as high school attended, year graduated, where you work, cars you drive)

You may be the target so a specific outcome can be achieved



# CyberSecurity – Facebook

- Complex password
- Know that “Facebook stalking” is actually real and it could be one of your “friends” accounts that is compromised.



# CyberSecurity – Facebook

- Announce when you have returned from vacation not that you are leaving.

The screenshot shows a web browser displaying an ABC News article. The article title is "12-Year-Old Sentenced for Cyberstalking Classmate" by LAURA RIPAPELLI, dated July 14, 2011. The main image shows a computer monitor displaying the Facebook homepage with the text "Facebook helps you connect and share with the people in your life." and "Sign Up It's free (and...". Below the image, the article text reads: "A 12-year-old Washington girl was sentenced on Wednesday to probation and community service for a cyberstalking incident in which she and another 11-year-old girl doctored a classmate's Facebook account with explicit photos and solicitations for sex." It also mentions that the mother of the victim has "mixed feelings" about the sentencing and that the judge ruled for the full term of her probation. The article includes social media sharing buttons for Facebook and Twitter, and a "WATCH" section with a video player showing a 12-year-old admitting to cyber hacking.



# CyberSecurity – Computer

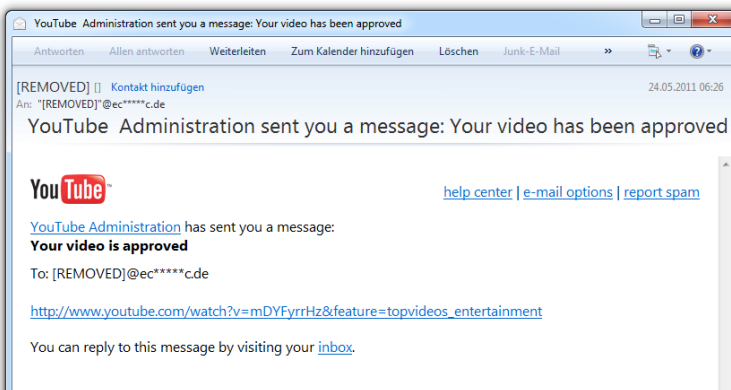
Latest anti-virus – look for status icon

Firewall settings – generally go with factory recommendations

Do not allow someone to take over your computer that calls you or sends you a “pop-up” request!

# CyberSecurity – email

- Click on a link
- Open a file
- Go to a specific location



From: [uec\\_100@hotmail.com](mailto:uec_100@hotmail.com)  
To: [noreply@hotmail.com](mailto:noreply@hotmail.com)  
Subject: YOUR ACCOUNT WILL BE DE-ACTIVATED (WARNING!!)  
Date: Sun, 1 Feb 2015 23:15:37 +0530



Dear Email User,

This is to inform you that on **4th February, 2015**, Microsoft Outlook will discontinue support on and security. If you choose not to update your account on or before **4th February, 2015**, you will read and send emails, and you will no longer have access to many of the latest features for improved conversations, contacts and attachments.

[Update Your Account](#)

Take a minute to update your account for a faster, safer and full-featured Microsoft Outlook experience.

**Thank You**  
**Outlook Warning! Member Service**

**Walmart** 

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This letter is to advise you about the order we have which is addressed to you. You have 4 days to pick it in any Local Store of Walmart.

Please, follow this [link](#) for more information about your order.

Walmart is wishing you Happy Thanksgiving Day!

[Store Finder](#) | [Local AD](#) | [Returns & Exchanges](#) | [Privacy & Security](#)

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**From:** Facebook [mailto:[notification@facebook.com](mailto:notification@facebook.com)]  
**Sent:** 17 July 2012 15:38  
**To:** [REDACTED]  
**Subject:** Christine McLain Gibbs tagged a photo of you on Facebook

facebook



[Christine McLain Gibbs](#) added a photo of you.

[See Photo](#)

[Go to Notifications](#)

If you don't want to receive these emails from Facebook in the future, please click: [unsubscribe](#).  
Facebook, Inc. Attention: Department 415 P.O. Box 10005 Palo Alto CA 94303

# Home - Security

Lighten up exterior/interior – use automatic timers



Handheld Garage Door Openers – not in car parked outside

Remove items from clear view (car)



# Home - Security

- Neighbors
- Alarm system – regular maintenance and testing
- Battery backup (router – WiFi)– most systems are reactive not proactive
- Family Communication

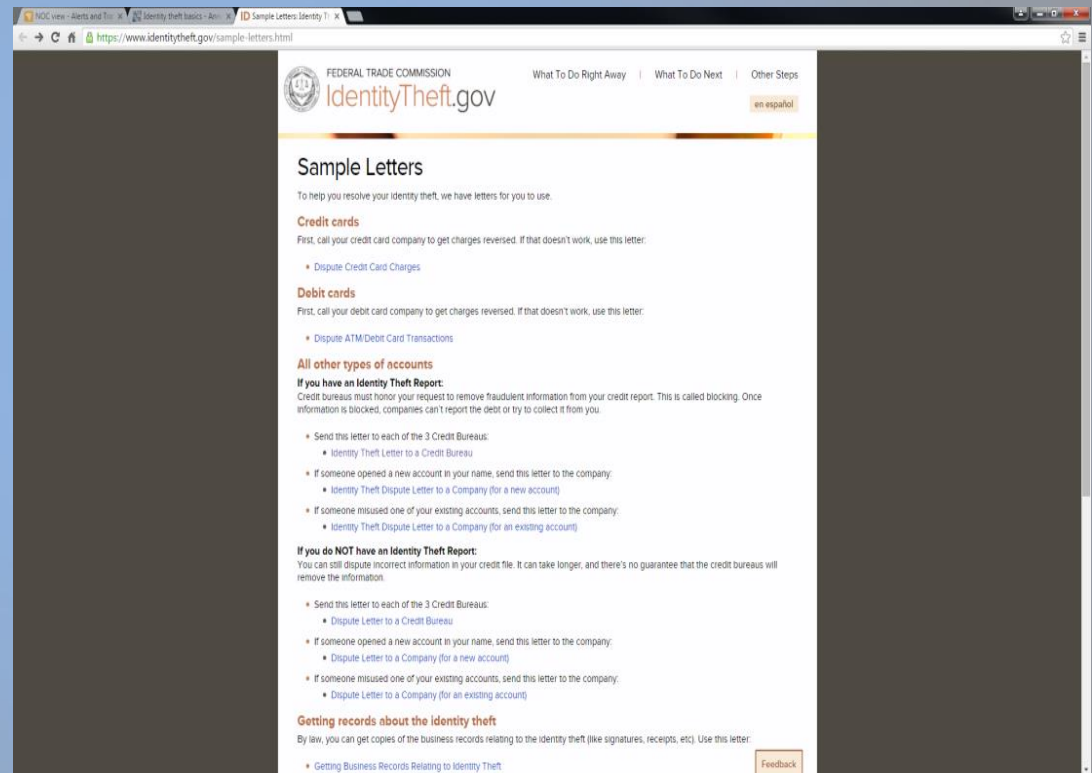
# Home - Security

- Most use phone/internet – you can get cell backup
- Free security assessment
- Communication with family

# Identity Monitoring Tools

3 credit rating agencies:

- Equifax
- Experian
- TransUnion



Annualcreditreport.com

Next???





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