- <sup>1</sup> Federal Trace Commission. "Consumer Sentinel Network Data Book For January December 2011." February 2012.
- † Federal Trade Commission. "Consumer Sentinel Network Data Book For January - December 2011." February 2012.
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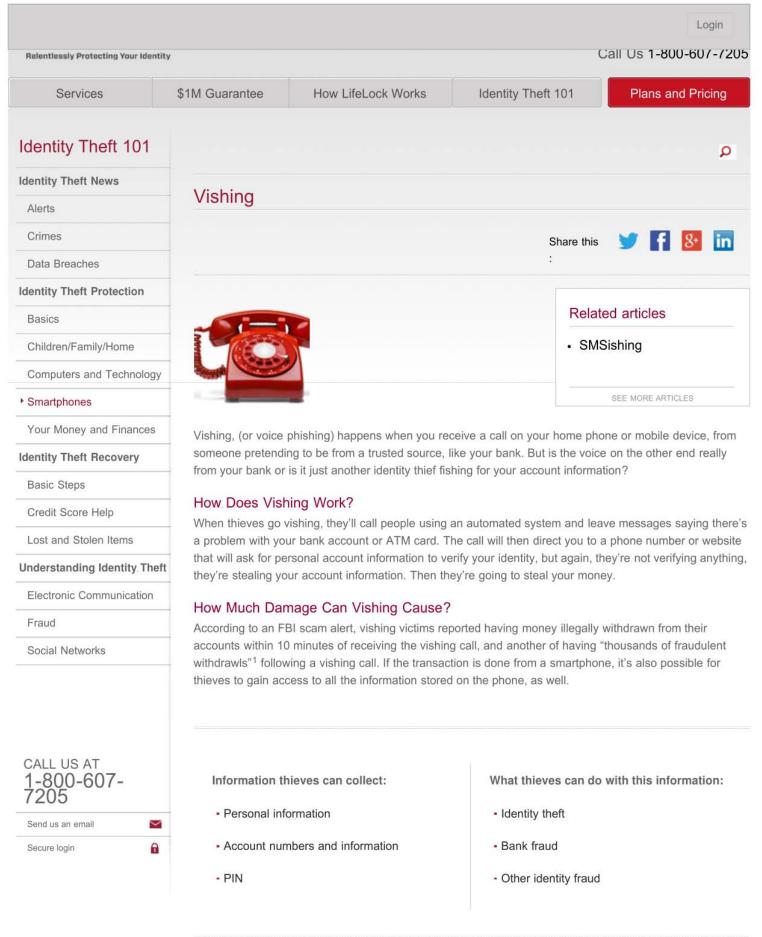












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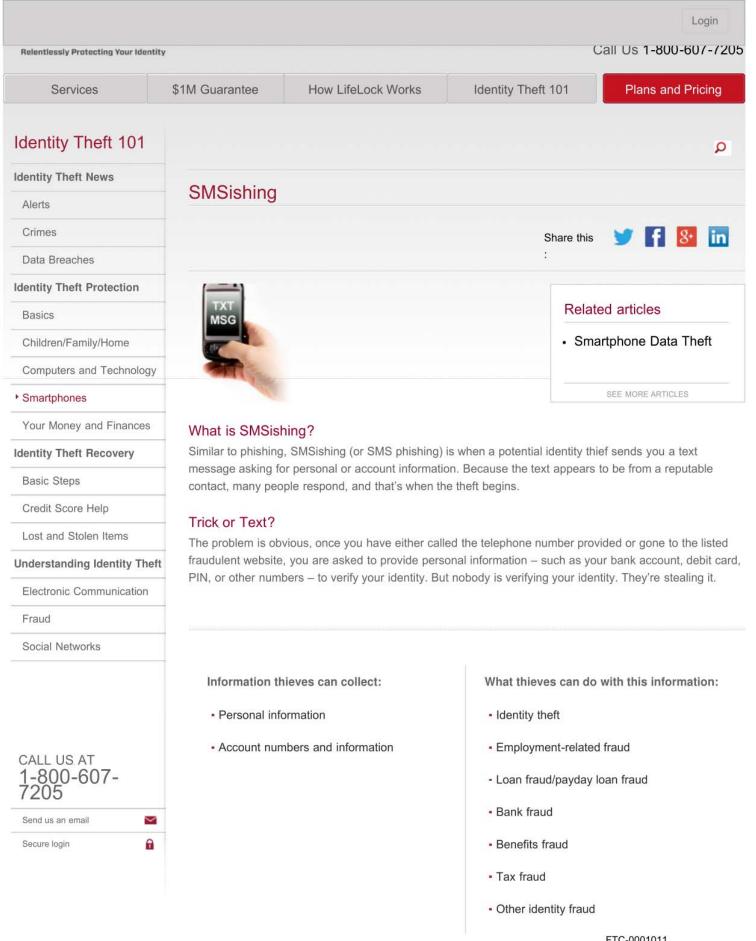




www.fbi.gov/news/stories/2010/november/cyber.../cyber\_11241

<sup>†</sup> Federal Trade Commission, "Consumer Sentinel Network Data Book For January - December 2011." February 2012.

<sup>&</sup>lt;sup>†</sup> Javelin Strategy & Research. "2012 Identity Fraud Report: Social Media and Mobile Forming the New Fraud Frontier." February 2012.



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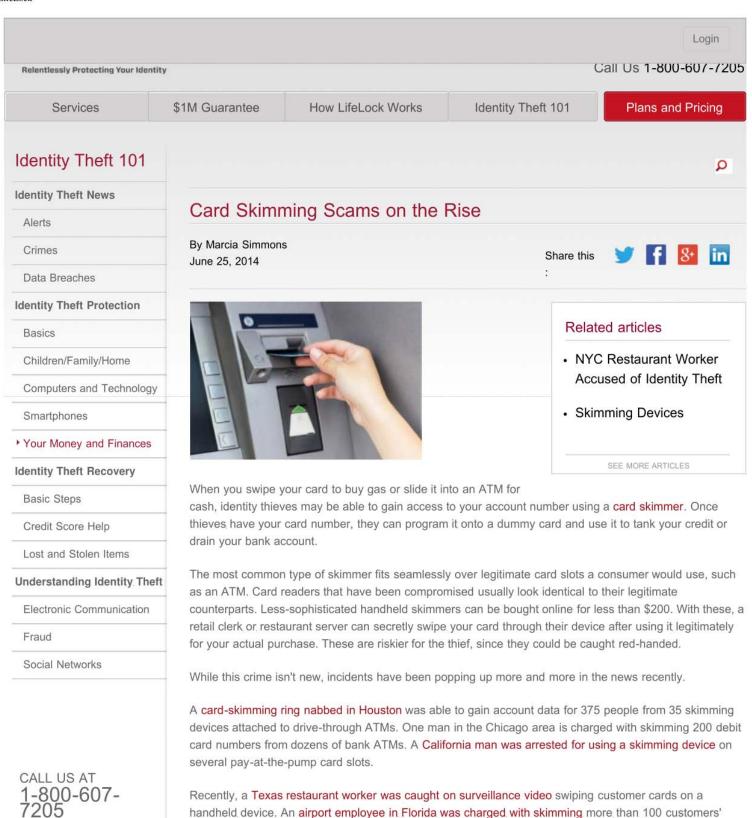












Experts recommend not using an ATM or other card reader, such as those at gas pumps or self-service grocery stores, if it doesn't look right to you. Sometimes the skimmers are so poorly installed that a quick tug will remove them. If that happens, alert the bank or store management and police. Since gas station pumps and ATMs are the most common targets, experts also suggest paying inside or withdrawing from inside the bank, as those machines are less vulnerable.

FTC-0001013

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cards at the parking garage.

Some store employees are legitimately using handheld devices to get payments, such as the Apple Store or small businesses that deal primarily in cash but want to offer the convenience of card payments. To guard against handheld skimmers, experts say it's best to keep your card in sight whenever possible and to pay with cash if clerks or servers seem to be concealing their transactions.

Even the most vigilant consumers can find themselves victimized by card skimming. If you discover unusual transactions or other indications of skimming, contact your bank or credit card issuer immediately.

Marcia Simmons is a freelance writer living in the San Francisco Bay Area. Her work has appeared in Every Day with Rachael Ray, Shape, Go, Geek, among other publications. She has also served as managing editor for the North Bay Business Journal and an editor for the Project Censored series of books.

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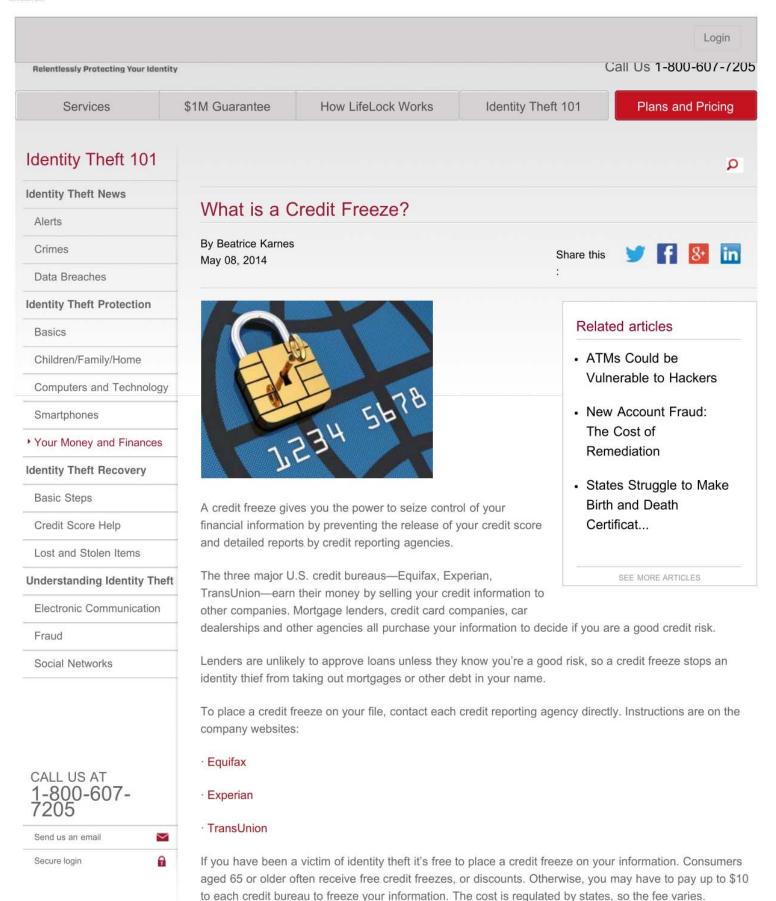


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FTC-0001015

A credit freeze consists of three actions:

- · Add placing a freeze on your credit
- · Lift temporarily removing the freeze so you can apply for credit
- · Remove permanently removing the credit freeze



There are downsides to weigh before deciding to place a credit freeze on your file. If you are planning to buy a home or car, rent an apartment, sign up for a cell phone plan or an account with a utility company, or apply for a credit card you will need to lift the freeze. Many employers also require credit checks of potential employees. If you pay a fee each time you request a lift of the credit freeze, the cost could quickly add up.

You may request a lift for a specific company, or for a set period of time.

Another consideration is that it takes 3-5 days to lift the freeze.

A credit freeze does not apply to current creditors. Also, government agencies such as the IRS may access your information in spite of a freeze.

One final note regarding your credit score: A credit freeze does not adversely affect it.

Beatrice Karnes is a freelance writer. She has many years of experience working behind the scenes at local TV stations in California, Colorado and Wyoming. Most recently, she was an editor for Patch Media, a local news and information consortium of 900 websites nationwide. Beatrice holds a bachelor's degree in journalism from San Jose State University.

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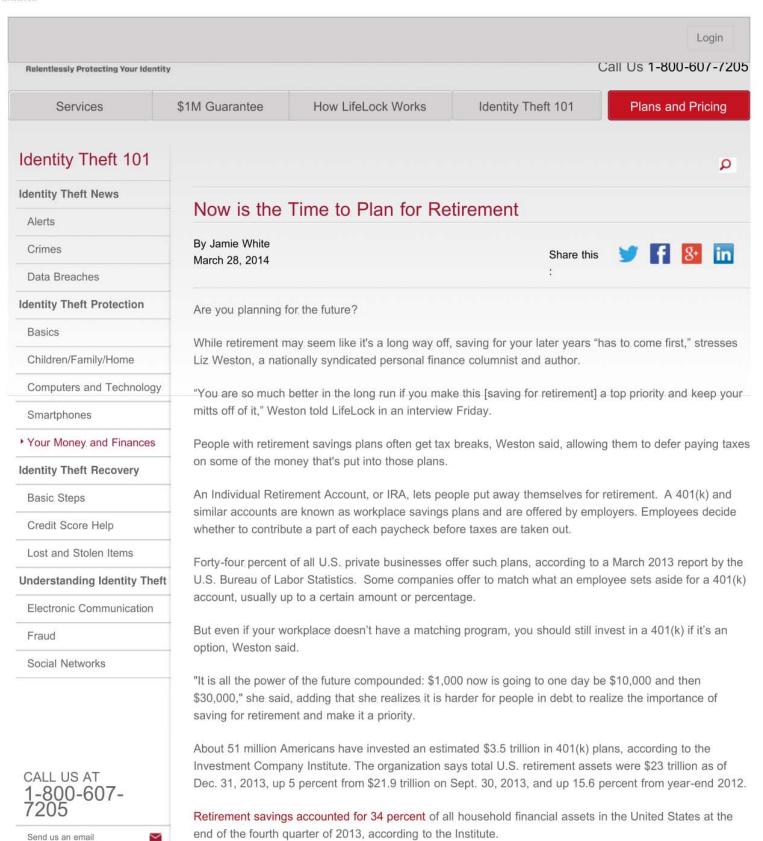








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Management, offers ways to make the most out of your retirement savings plans in an article published this week.

Dan Solin, director of investor advocacy for the BAM Alliance and a wealth advisor with Buckingham Asset

Jamie White is the managing editor of news content for LifeLock. As a journalist for the last 15 years, she has worked as

a reporter and editor at news organizations throughout the San Francisco Bay Area, including The San Francisco Examiner. Most recently, she was a regional editor for Patch Media, a local news and information consortium of 900 websites nationwide. Jamie holds a master's degree from Columbia University's Graduate School of Journalism.

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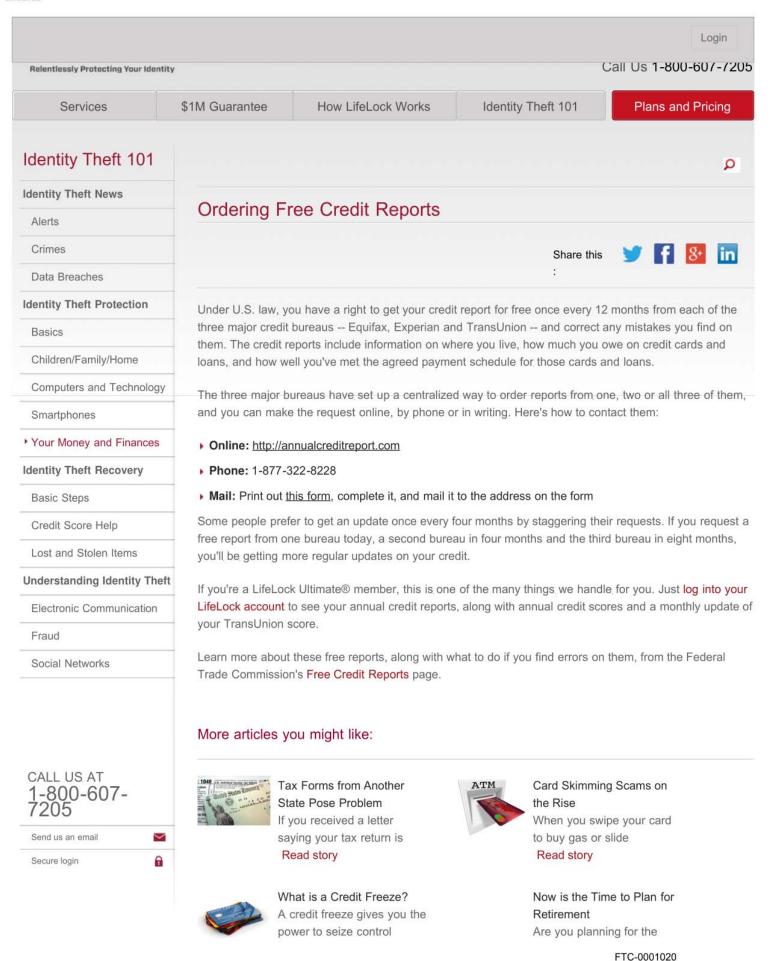














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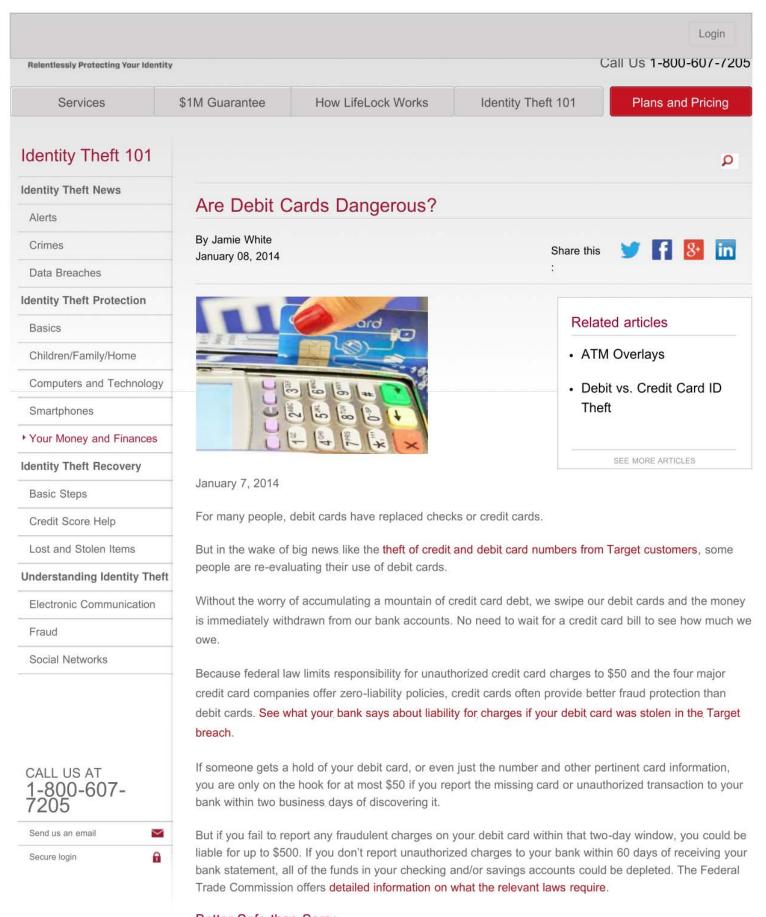












Better Safe than Sorry

The four riskiest places to use your debit card, according to Bankrate.com, are:

- Online to make purchases
- Gas stations
- Restaurants
- ATMs

#### 'Credit' or 'Debit'

When you use your debit card, you're sometimes asked to choose "debit" or "credit." Some people think it's safer to pick "credit" over "debit." But choosing "credit" does not make it a credit card transaction, reports CNBC contributor Herb Weisbaum.

What you are doing is choosing whether to enter a PIN or use your signature to withdraw that money out of your bank account.

While debit cards are convenient and not inherently dangerous, the bottom line is that credit cards offer better overall fraud protection. It can still be a good ideal to use a debit card when you want to limit your debt. Consider the debt-limiting protection of a debit card vs. the need to make sure you report any fraud quickly when deciding which card to use.

Jamie White is the managing editor of news content for LifeLock. As a journalist for the last 15 years, she has worked as a reporter and editor at news organizations throughout the San Francisco Bay Area, including The San Francisco Examiner. Most recently, she was a regional editor for Patch Media, a local news and information consortium of 900 websites nationwide. Jamie holds a master's degree from Columbia University's Graduate School of Journalism.

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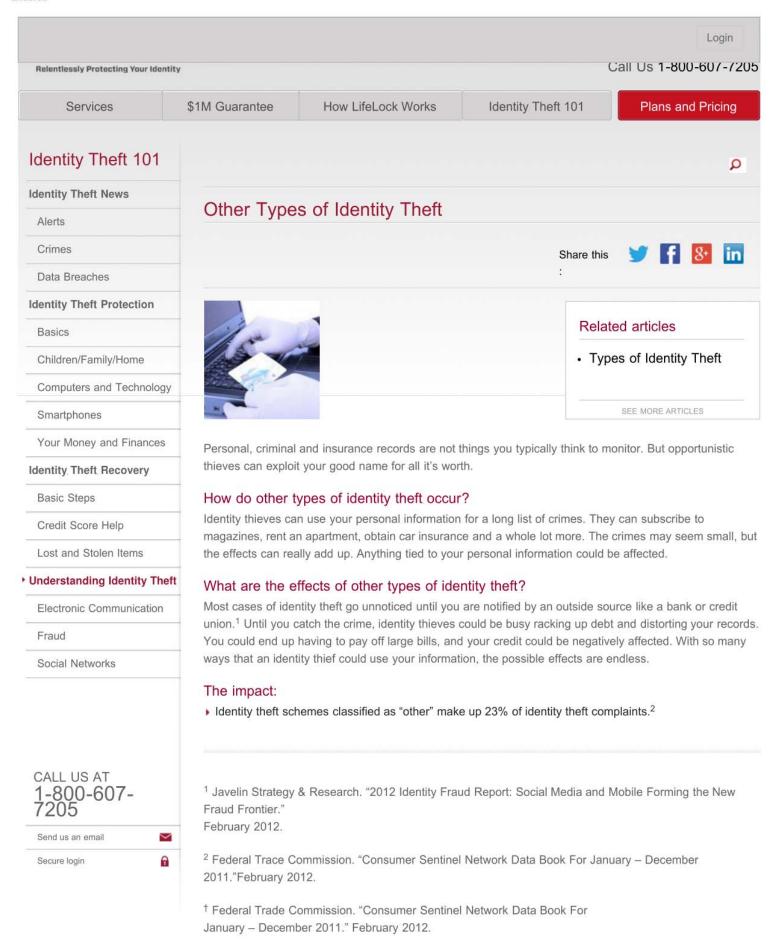


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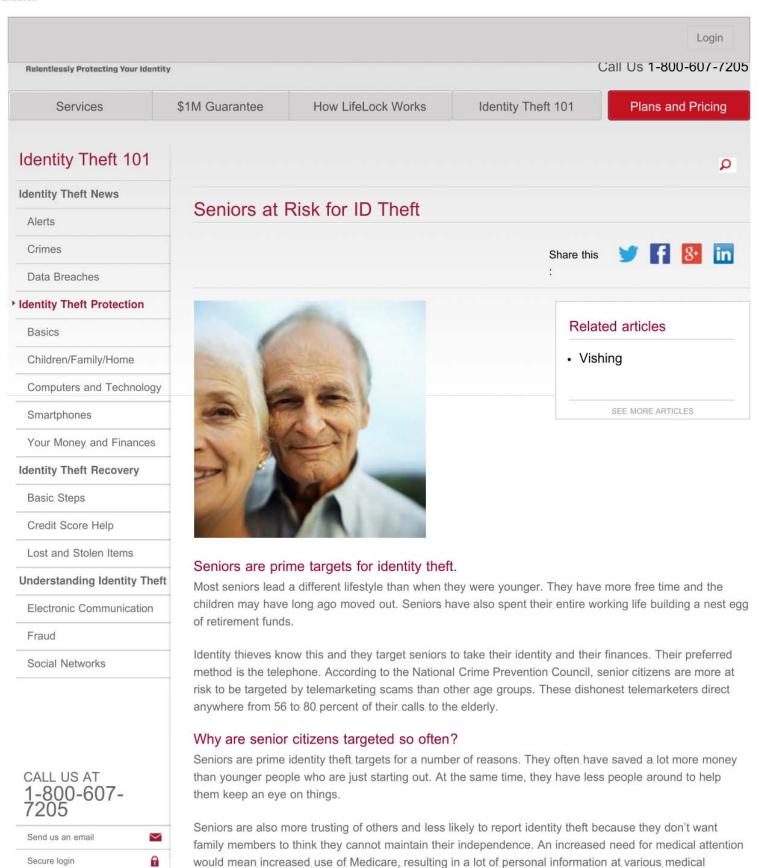












# Identity protection tips for seniors.

facilities. Thieves may even target Social Security checks.

If you're a senior and you want to help safeguard your identity yourself, there are numerous precautions

you can take. It's a lot of work but it could lower your risk.

- Keep personal information such as bank statements, Medicare statements and your Social Security number in a safe or safe deposit box.
- Don't carry your Social Security card.
- Keep credit card numbers secure, you'll need them if the cards are lost or stolen.
- If you pay bills by check, only include the last four digits of the account number.
- If you order new checks, pick them up at the bank rather than have them delivered.
- ▶ Opt out of direct mail offers at the FTC "OPTOUT" line (1-888-567-8688). These mailers include a lot of information and thieves can steal them from your trash.
- ▶ Never give out Medicare information over the phone or in answer to an email. Medicare will not request information this way. Better yet, never give out any personal information over the phone.
- If a caller claims to have a too-good-to-be-true deal, it probably is. Ask to see everything in writing before you commit.

If you suspect you've been a victim of identity theft, place a fraud alert at one of the credit bureaus: **Equifax**: 800-525-6285, **Experian**: 888-397-3742, or **TransUnion**: 800-680-7289.

- <sup>†</sup> Federal Trade Commission. "Consumer Sentinel Network Data Book For January December 2011." February 2012.
- <sup>†</sup> Javelin Strategy & Research. "2012 Identity Fraud Report: Social Media and Mobile Forming the New Fraud Frontier." February 2012.

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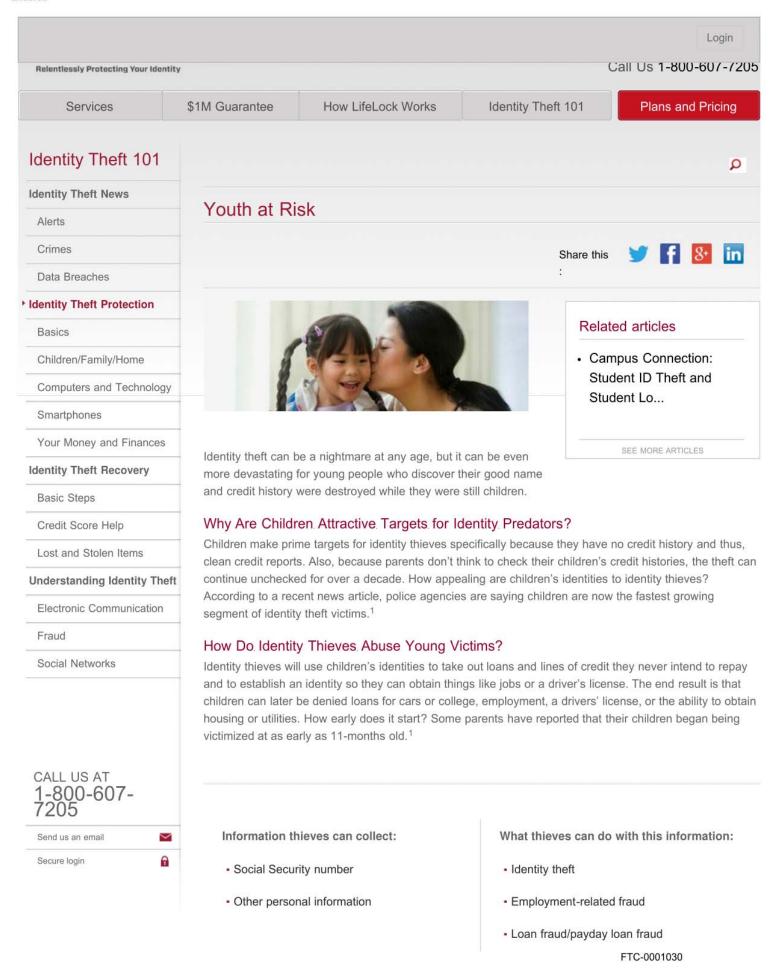












- · Bank fraud
- Benefits fraud
- Tax fraud
- · Other identity fraud
- <sup>1</sup> http://www.businessweek.com/ap/financialnews/D9LNB7701.htm
- <sup>†</sup> Federal Trade Commission. "Consumer Sentinel Network Data Book For January December 2011." February 2012.
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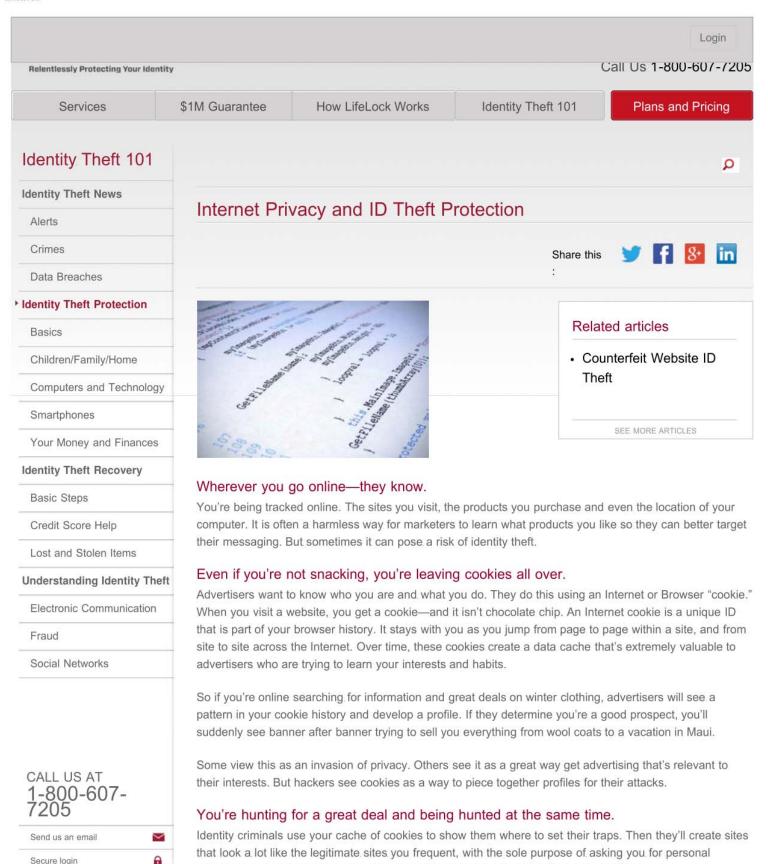


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Protect yourself against identity thieves.

So what are your options? Deleting Internet cookies is a simple first step. Most online browsers have the ability to clear the cookie cache and browsing history. The challenge is remembering to do it on a regular FTC-0001033

information and stealing all they can—from your name to your Social Security number.

basis. And websites where you have a personal account will reload your unique cookie every time you visit.

Another option is to opt out of advertising. While all organizations give you the choice to opt out of their email advertising, not all let you opt out of their cookie tracking. Online businesses and advertising organizations are now using sites such as www.aboutads.info to give you the choice of opting out of cookie tracking.

Cookies can be effective for advertisers and convenient for customers. If you don't mind being targeted with messaging about the things you show interest in, at least be wary of emails or websites that appear to come from legitimate sources but request personal information.

<sup>†</sup> Federal Trade Commission. "Consumer Sentinel Network Data Book For January - December 2011." February 2012.

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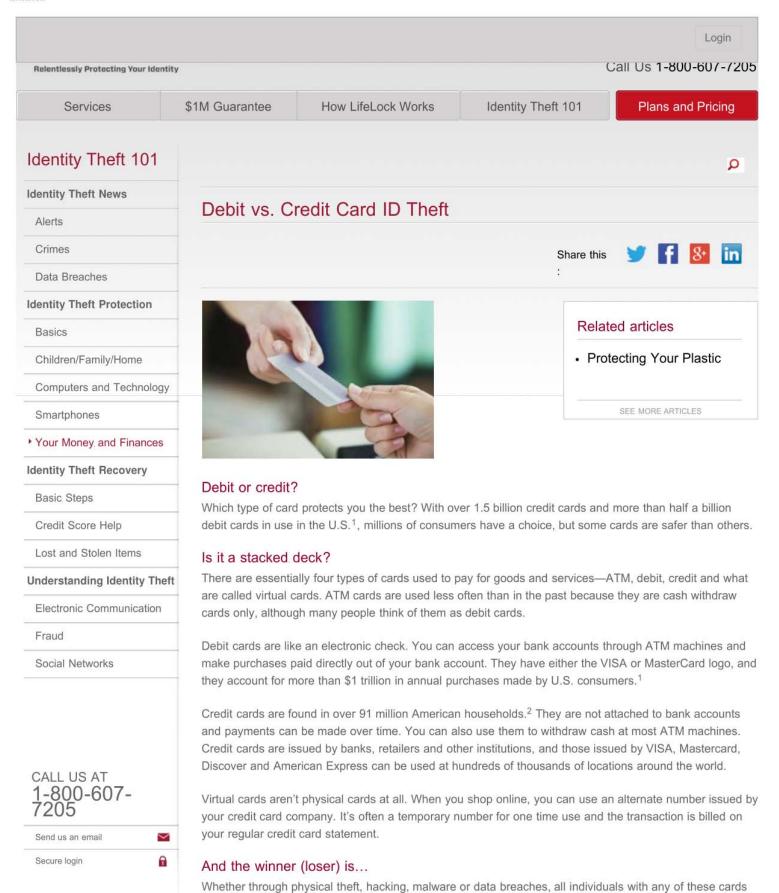


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Carrying the least amount of risk is the virtual card, since it has a time or transaction limitation and there is

are subject to identity theft by having their card information stolen.

no personal information connected with it.

But in comparing the two most widely used forms of payment—debit and credit cards—credit cards offer more protection and less risk because funds are not being directly withdrawn from the user's bank account as it is with a debit card. Fraudulent withdrawals on a debit card can result in bounced checks and no access to cash while the bank investigates their report.

Additionally, most credit card companies allow 90 days for a victim to report an unauthorized transaction, while banks generally require a two-day notice for unauthorized debit card purchases. For debit cards, your loss is limited to \$50 only if you notify your financial institution two business days after learning of loss or theft. It then goes to \$500 until 60 days after the statement is mailed and becomes unlimited thereafter. For a credit card, your liability is limited to \$50 for any fraudulent use.3

#### Other steps for safer shopping.

First, make sure the website you're shopping on is secure and starts with an https://.instead.of.http://. You'll also see a small lock on the lower right hand corner of the screen. This means the site is secure for transactions.

Don't do online shopping in public places such as coffee shops or public Wi-Fi areas. Their networks are usually unsecure and the information you are entering might be stolen right there at that location. Finally, avoid using retail websites to store your personal and payment information. Although it speeds up the checkout process, it leaves your identity and financial information exposed should that server experience a data breach.

- <sup>1</sup> Creditcards.com, Credit Card Statistics, Industry Facts, Debt Statistics,
- <sup>2</sup> ITRC Face Sheet 131 Credit Card vs. Debit Card,
- <sup>3</sup> FTC Fair Credit Billing Act
- <sup>†</sup> Federal Trade Commission. "Consumer Sentinel Network Data Book For January - December 2011." February 2012.
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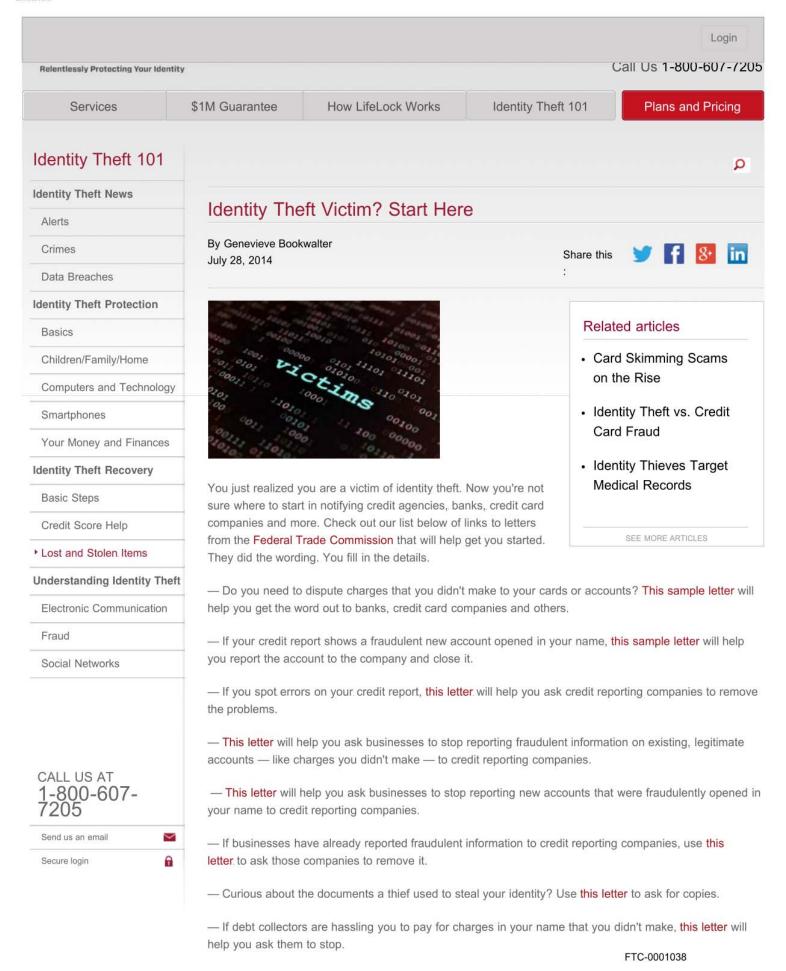












Most of these letters require you to include a copy of your identity theft report. Some also ask that you include your credit report and a copy of the account statement showing the items in dispute.

#### Good luck!

Genevieve Bookwalter is a freelance journalist based in the San Francisco Bay Area. She has worked as a writer, reporter and editor for more than a decade. Her work has appeared in The Los Angeles Times, WIRED, San Jose Mercury News and other newspapers nationwide. She is a graduate of the Science Communication program at University of California Santa Cruz, and holds bachelor's degrees in art and science from the University of Illinois at Urbana-Champaign.

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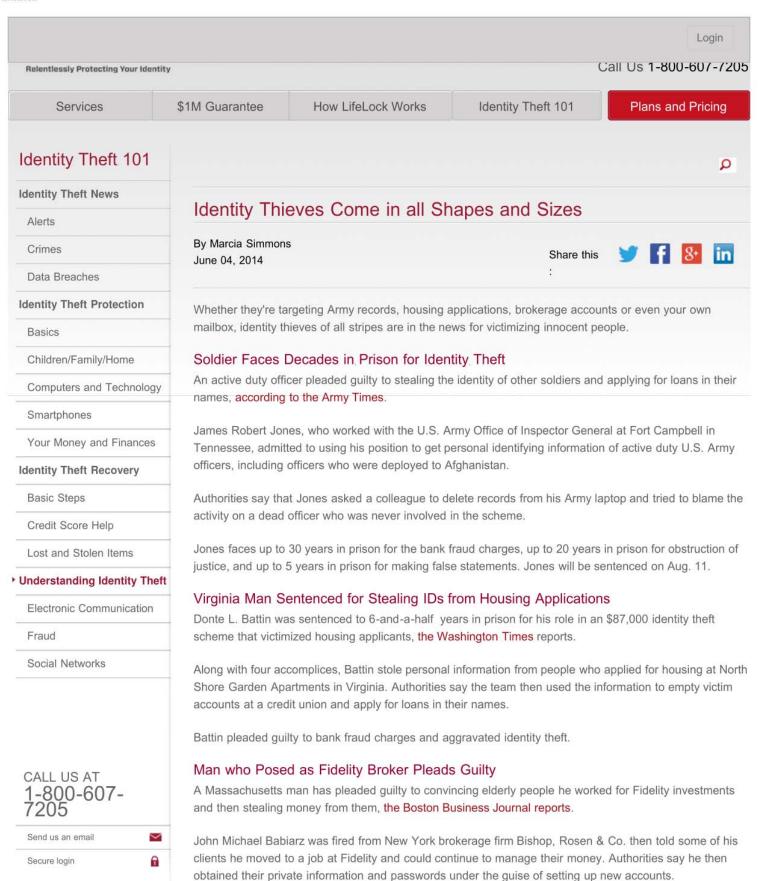












When sentenced in August, Babiarz faces 20 years in prison and fines up to \$500,000.

FTC-0001040

Babiarz had been previously charged in an administrative complaint by the state securities division.

#### Oregon ID Thief Gets 3-year Prison Term

Michelle Renee Lustig was sentenced to 3-and-a-half years in prison for stealing mail and using it to commit identity theft, the Mail Tribune reports.

Lustig was also ordered to pay \$12,387 in restitution. Her accomplice, Gregory Stephen Brooks, was sentenced in April to nearly seven years for his role in their four-month identity theft scam.

The two used information stolen from mailboxes to open credit card accounts in victims' names and engage in fraudulent banking activities. Lustig also printed counterfeit checks in the victims' names.

Marcia Simmons is a freelance writer living in the San Francisco Bay Area. Her work has appeared in Every Day with Rachael Ray, Shape, Go, Geek, among other publications. She has also served as managing editor for the North Bay Business Journal and an editor for the Project Censored series of books.

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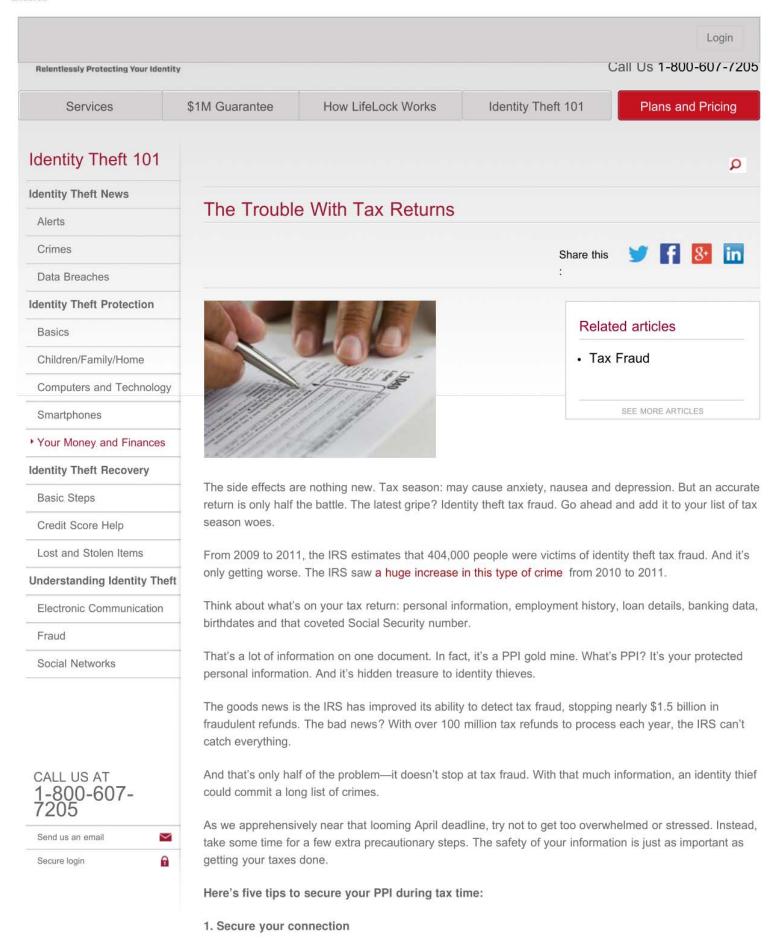


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If you e-file, do not login on public Wi-Fi. Instead ensure you're on a private, protected Internet connection. Also be sure that you are on a secure website (look for the "https:" in your browser's address bar) and on a computer with a working anti-virus system.

#### 2. Don't get phished

The IRS will never contact you through email, so do not respond if you receive any emails claiming to be from the IRS. They could be fraudsters trying to trick you into providing personal information. Learn more about protecting yourself against phishing attacks here.

#### 3. Lock up your returns

What's worse than getting robbed? Getting robbed AND getting your identity stolen. Keep all of your tax information and returns in a locked safe. And don't keep old tax information stored on your computer. It should all be in that locked safe—print out a hard copy or move it onto an external hard drive.

#### 4. Stay off of file-sharing programs

Many people use file-sharing programs to download music or movies. These types of websites put users at a serious risk of being hacked, often times without being detected. Once they've hacked your computer, identity thieves could steal tax information right off of your hard drive.

#### 5. Trust the experts

Make sure that your tax professional is licensed, affiliated with a professional organization or listed with the Better Business Bureau, the state board of accountancy or another trusted institution.

Source: "IRS Faces Surge in Identity Theft Tax Fraud." www.lifeinc.today.msnbc.msn.com. http://lifeinc.today.msnbc.msn.com/ news/2012/02/17/10428874-irs-faces-surge-in-identity-theft-tax-fraud? chromedomain=usnews. February 17th 2012.

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In a 2011 study done by Javelin Strategy & amp; Research, victims were asked to provide a few details regarding the cost of resolution in their identity theft experiences. Here's what the numbers show: 1

Average resolution time for victims of all types of identity theft: 12 hours

Average consumer cost of identity theft resolution: \$354

Average resolution time in new account fraud: 26 hours

Average consumer cost of identity theft resolution in new account fraud: \$1,205

## The Recovery Expense Report

The victims surveyed were not given specific examples of common resolution costs or tasks, but there are seeveral steps to resolution that are crucial—no matter what the expense. Here are a few of these steps:

(These numbers are an approximate representation. Actual costs will vary.)

# Step 1: Contact the retailer where the fraudulent account was opened

If you receive a fraudulent credit card in the mail, immediately call the fraud department number on the back of the card. Have your information ready. In most cases, you will be asked to verify that the account is linked to your name and Social Security number.

After you have verified that the card is indeed fraudulent, you must specifically ask the company to start a fraud investigation. This often requires some paperwork. To speed up the process as much as possible, comply with the creditors requirements and requests.

It's also important to specifically insist that the company removes the credit application from your credit report. This type of transaction affects your credit score, so this step is critical. Once the company has all the information they need, they will give you a fraud investigation case number. Be sure to keep this number, and any other related information, in a safe place.

### Possible Costs:

- Printing costs: 4 pages for \$.252
- Certified mail: \$8.10<sup>3</sup>
- Lost 5 hours of work: \$36.254

### Possible Time:

- 1-3 hours on the phone
- 60 minutes of paperwork

# Step 2: File a police report with your local police department

Next, head to your local police department. You must file a report with the department located in the city where you lived when the fraud occurred.

Unfortunately, identity, theft is still a widely unknown crime. Be prepared to be persistence and do some studying before you go. The *Identity Theft and Assumption Deterrence Act* states that as an identity theft victim, you have a right to file a police report. In many cases, there is a police report fee.

## Possible Costs:

- Gas Money: \$2.045
- Lost hour of work: \$10.864
- Police report fee: \$7.586

### Possible Time:

- Driving: 30 minutes
- Filing report: 60 minutes

## Step 3: Make an FTC complaint

Head to FTC.gov and fill out the complaint form. The complaint form will also serve as an Affidavit form. Keep a copy of the Affidavit in a secure place.

### Possible Costs:

- Print Affidavit: 7 cents<sup>2</sup>

### Possible Time:

- 15 minutes

# Step 4: Put a seven-year alert on your credit reports

In order to set a seven-year credit freeze, you will need to contact each of the three credit bureaus separately and mail them the requested information. These requests usually include a copy of your Social Security number, Driver's license and proof of residence.

You will also need to send a copy of your police report and/or your Affidavit, plus any other information that the credit bureaus request. We recommend sending these confidential documents over certified mail rather than standard so that you have proof of delivery. With so much private information in one envelope, the more safety precautions you take, the better.

### Possible Costs:

- 3 packets certified mail: \$24.303

- Copies- 31 pages: \$2.002

### Possible Time:

- 60 minutes on phone

- 60 minutes for 3 packets

## Step 5: Order credit reports

You will want to verify that there is no other fraudulent information on your credit reports, so you will need to request a credit report separately from each of the three bureaus. If this is the first time you are requesting reports within a year, then the service will be free. You can request your free credit reports by heading to AnnualCreditReport.com. Otherwise, you will have to pay full price.

### Possible Costs:

- \$40\* to order 3 from Experian7

### Possible Time:

- 15 minutes to order

- 30 minutes to review each

# Step 6: Request credit reports again, 90 days after resolution

Once the investigation is over, you should receive a letter from the card issuer stating that the crime has been resolved and your identity has been removed from the debt. Ninety days after you receive this letter, you should request your credit reports again to ensure that this information has actually been removed from your credit reports.

### Possible Costs:

- \$40\* to order 3 from Experian7

### Possible Time:

- 15 minutes to order

- 30 minutes to review each

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By the end of this hypothetical situation, your total cost is \$171.63 and the total time spent to resolve the issue is 9.25 hours. But if an identity thief was able to open one account, it's likely the crook may have opened another—meaning you're repeating many of these steps all over again. And these numbers only reflect some common expenses at national averages.

### The Fine Print

Identity theft is a complex crime, and a victim's busy lifestyle only adds more obstacles. That means there's a long list of potential expenses and time-consuming tasks involved in resolving the crime. When considering an identity theft protection service, try to remember all the small costs and tasks that might add up if you don't have protection, such as:

- Time off work
- Babysitters
- Time spent on the phone
- Mail expenses
- Driving time (post office, police department, etc.)
- Gas money
- · Faxing, scanning and/or copying
- Additional fraudulent accounts
- Complications due to credit deadlines and legality
- · Delays due to holiday hours and scheduling

## The Right Protection Offers Remediation

An identity theft alert system is a great feature for peace of mind. It can help consumers stay ahead of an identity thief. But what happens after the alert? What happens if an identity thief does cause damage to a member's identity?

Most identity theft services offer both an alert system and remediation services. And those remediation services may cover some or all of the above expenses, as well as facilitate the process.

Before you buy, be sure to ask what happens if you do become a victim. Comprehensive protection should come with comprehensive remediation.

For more information about recovery steps, click here.

- 'Consumers can order free credit reports once a year
- 1 "2012 Identity Fraud Survey Report." Javelin Strategy & amp; Research. February 2012.
- <sup>2</sup> Average 6.37 cents a page. Dover-Sherborn Technology. hs.doversherborn.org. **FTCe98641049**/19/2012.

## http://hs.doversherborn.org/technology/printing.htm

3 "Postal Price Calculator." United States Postal Service. Standard Priority envelope from LifeLock to Best Buy headquarters in Minneapolis.

<sup>4</sup> National average for minimum wage: \$7.25. "Wage and Hour Division." United States Department of Labor. Accessed 11/19/12. http://www.dol.gov/whd/minimumwage.htm#.UKVr5eOe\_rg <sup>5</sup> Based off of the "Fuel Calculator" at http://www.city-data.com/gas/gas.php. Chevy Malibu is most popular car in US: http://www.nytimes.com/interactive/2012/09/16/automobiles/contenders-for-americas-most-popular-car-the-latest-wave-of-midsize-family-sedans.html. National gas price average is \$3.416. http://fuelgaugereport.aaa.com/?redirectto=http://fuelgaugereport.com/index.asp

<sup>6</sup> Hartley, Eric. "Fees for court and police records vary—and L.A. city and county agencies charge far more than most." 07/2/2012. Daily News Los Angeles. Accessed 11/19/2012.

http://www.dailynews.com/news/ci\_21180313

7 3-Bureau Credit Report and Score. www.experian.com. Accessed 11/19/12.

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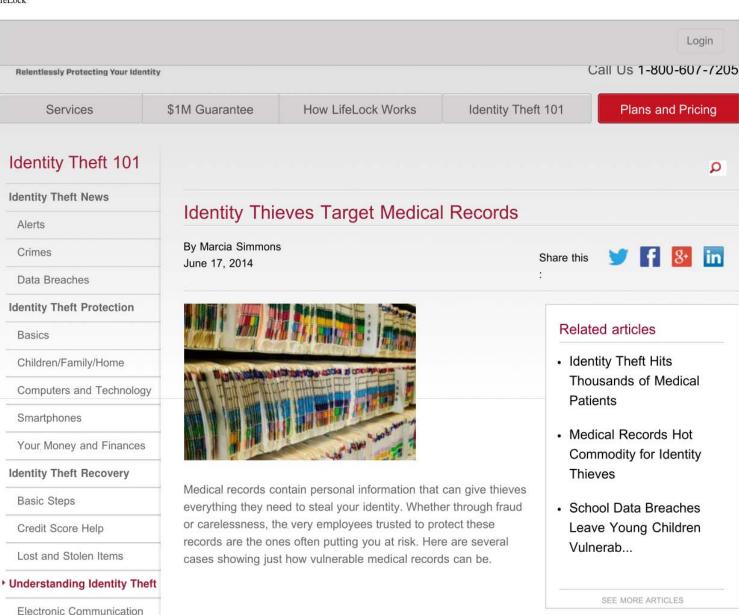
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### Woman Gets 16 Years for Scamming Medicaid With Kids' Stolen IDs

A Georgia dietician was sentenced to 16 years in prison for stealing the identities of Head Start students to claim more than \$4 million from Georgia Medicaid, according to The Florida Times-Union.

Schella Hope claimed at trial that other people forged her signature to involve her company, Hope Nutritional Services LLC, in the fraud. A federal jury convicted hope of 58 counts, including conspiracy to commit health care fraud, aggravated identity theft and money laundering.

Officials say Hope stole the identities of 25,000 children across Georgia and invented medical conditions to add to their files in order to bill government programs for services.

The judge ordered Hope to repay more than \$4 million and sentenced her to three years' probation upon release.

### Health Department Clerk Steals Over 1,500 Patient IDs

A former health department employee was sentenced to two years in prison for stealing patient information, CBS Miami reports.

Palm Beach County Health Department. She then passed it on to others who used it to file fraudulent tax returns.

The judge also ordered St. Simon to pay more than \$19,000 in restitution and serve two years' probation after her release.

### VA Accidentally Releases Thousands of Medical Records to 1 Patient

When a veteran ordered his own medical records from a Veterans Affairs Medical Campus in Wyoming, the VA sent him a CD containing over 6,000 pages of private medical information for other patients, FOX31 Denver reports.

While the man who received the records wishes to remain anonymous, FOX31 contacted one of the men whose medical information was on the CD.

Terry Teg was unaware his medical records had been sent to a stranger until he was contacted, but he wasn't surprised. The Cheyenne VA facility had mistakenly sent him someone else's medical records in the past.

A VA spokesperson says an employee realized the mistake after the records were mailed.

In the last three months of 2013, the entire VA system experienced about 2,300 record breaches and offered those veterans credit protection.

### Pennsylvania Health Center Mixes Up Patient Records

Coordinated Health in Pennsylvania sent one patient home with another patient's records, according to the Standard Speaker.

Gloria Senape was sent home with the private information of another patient, but later told that her information was not given to anyone else. The company will now provide credit monitoring and protection services for her.

Earlier this year, Coordinated Health had larger security issues when an employee laptop containing 733 patient records was stolen from a car.

Marcia Simmons is a freelance writer living in the San Francisco Bay Area. Her work has appeared in Every Day with Rachael Ray, Shape, Go, Geek, among other publications. She has also served as managing editor for the North Bay Business Journal and an editor for the Project Censored series of books.

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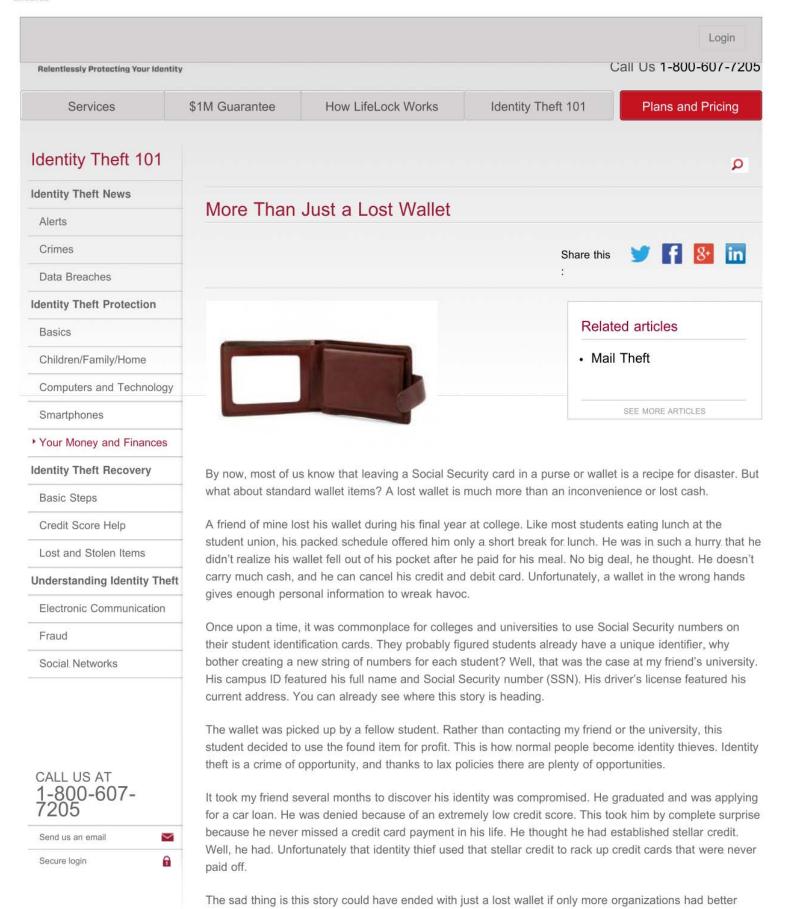












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security practices. Thankfully most colleges and universities no longer use SSNs on college IDs. Many states now forbid public schools from using the SSN in lieu of a different number. That doesn't mean that

security practices are perfect. Some campus bookstores require students to write their SSN on personal checks. In several instances, professors posted grades sorted by student SSN! Unfortunately we cannot control how institutions use our personal information. But we can establish best practices for personal information security, which we will share on this blog regularly. Also remember you are entitled to free annual credit reports, so you can monitor for suspicious activity before applying for that car or mortgage.

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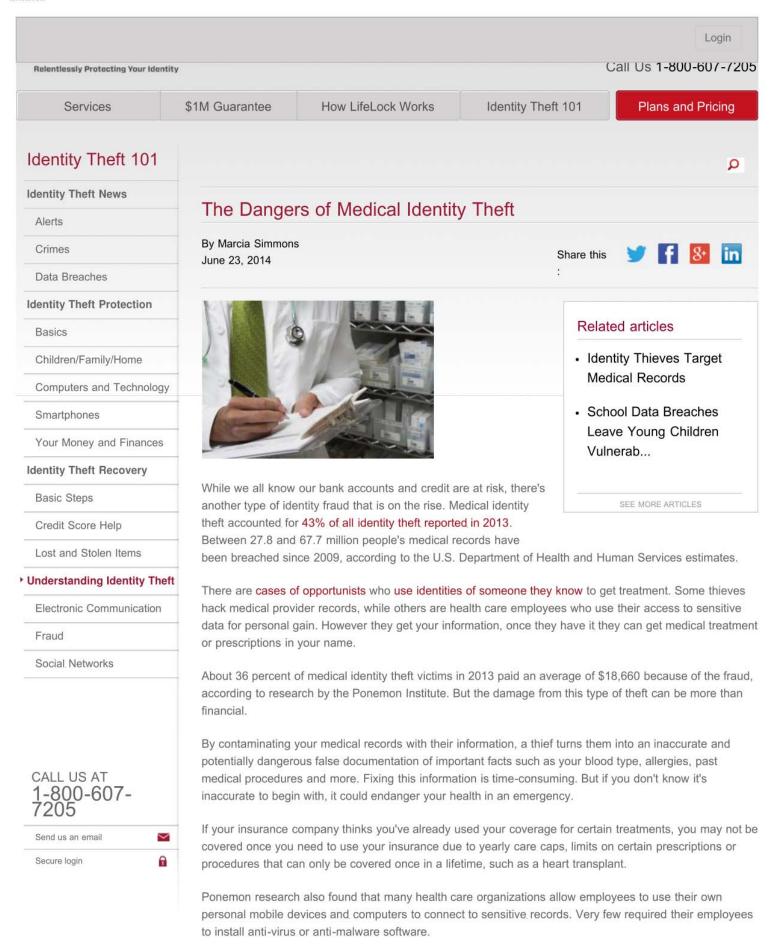












To protect yourself, be sure to ask your insurers for a list of benefits paid out to you at least once a year to ensure it's correct. Read every notice you get in the mail with an eye for any treatments or prescriptions that aren't familiar. It's also wise to take as much care with your health insurance card and medical information as you would with your credit cards and financial information.

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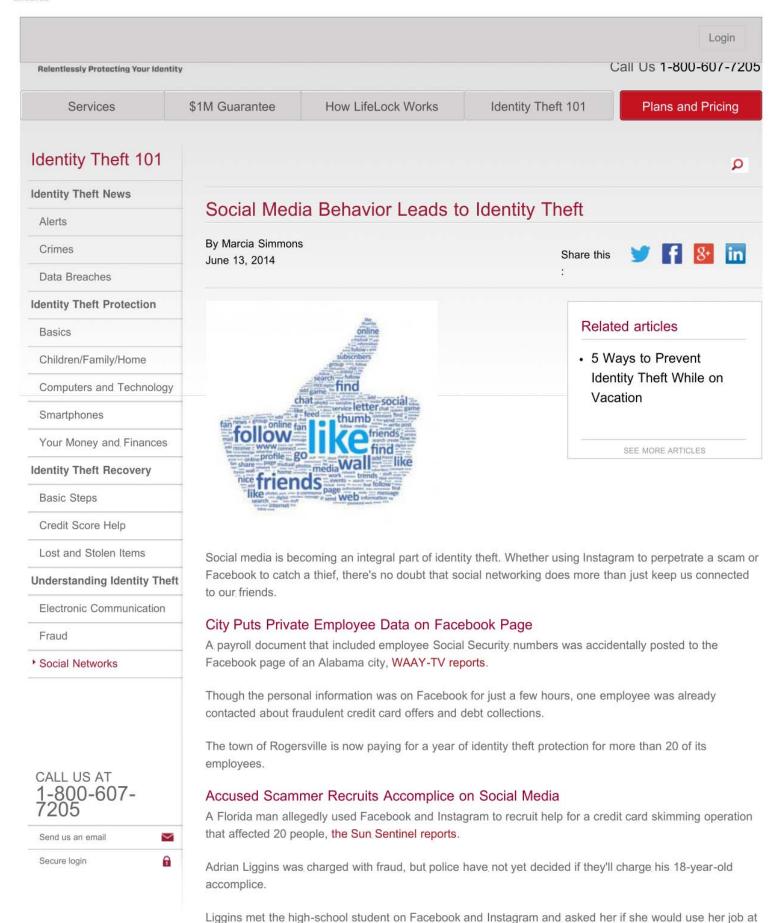












McDonald's to help him skim credit card numbers. In return for \$260, she used a machine provided by him

to grab card information from 20 customers.

The woman cooperated with police when caught and authorities were able to find Liggins because a photo on Instagram of his high school diploma showed his full name. Police monitored a meeting between her and Liggins to exchange card machines and later arrested him.

Authorities found skimmers, stolen identities and computers used for the fraud at his home.

### Man Arrested for ID Theft for Impersonating TV Weather Man Online

Matthew Wendt was arrested for impersonating a TV meteorologist on social media to meet women, KWQC reports.

TV personality Greg Dutra discovered the fraud when he tagged his girlfriend in a Twitter post and another woman contacted him, upset because she'd been romantically involved with him on Facebook. Only it was actually Wendt who had been contacting her on Facebook pretending to be Dutra.

Police tracked Wendt through his IP address and are investigating what personal information of Dutra's he has and whether he obtained personal information from the women he contacted.

### Wisconsin ID Thief Identified Through Police Facebook Page

Racine police nabbed a suspected identity thief using Facebook, according to the Journal Times.

Authorities say Shane R. Trentadue was filmed by an ATM camera using a stolen debit card. Police received tips from the public about his identity after putting snapshots from that footage on Facebook.

Trentadue was charged with fraudulent use of a credit card and felony identity theft.

### Authorities Warn Fake Instagram Account Could Lead to ID Theft

A fake Instagram account created in the name of lottery winner Solomon Jackson Jr. could open many people up to identity theft, WACH reports.

The bogus posts claim Solomon will give a \$1,000 scholarship to the first 100,000 followers of the account.

Authorities say scammers know what kinds of social media stunts are trending and use schemes like this to collect personal information from unsuspecting people looking to win a few bucks.

Fellow Instagram users caught on to the scam, as have authorities, and are warning others not to give any personal information to this or similar users.

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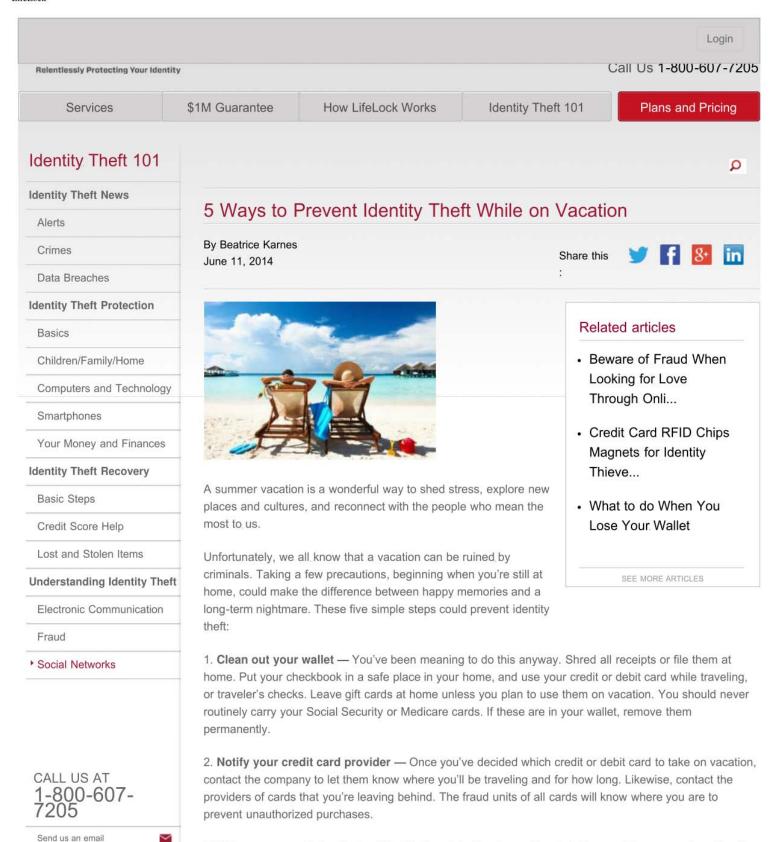








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4. Don't post vacation photos on social media — Posting status updates that you're away from home

3. Take a spare wallet —Tuck a little bit of cash inside along with a hotel keycard from a previous trip. Men

should carry this in their rear pants pocket while women should carry this at the top of items in their purse. If you're the victim of a pickpocket, this wallet will be stolen, not your real one. If a robber asks for your

wallet, hand over the spare.

and fun vacation photos may seem like a good idea, but really any of this personal information is useful both to burglars and identity thieves.

5. Phone calls from "front desk fraudsters" — If you receive a call from the "front desk" saying there's a problem with your credit card and they need a number from a different card, politely tell them that you'll call back in a moment and hang up. Call the desk yourself to check if the call is legitimate. You may find out that an identity thief was trying to steal your card number or, if there is a genuine problem with your card, call the company to fix the problem.

Beatrice Karnes is a freelance writer. She has many years of experience working behind the scenes at local TV stations in California, Colorado and Wyoming. Most recently, she was an editor for Patch Media, a local news and information consortium of 900 websites nationwide. Beatrice holds a bachelor's degree in journalism from San Jose State University.

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And thus the term "catfish" was born.

## Catfish: - noun |Kat - Fi - SH

functioning Facebook profile and a masterful masquerade of family members, friends and coworkers—with A person who steals someone's social media identity to create a fake persona—complete with a fullythe end goal of seducing a partner into a long-term online relationship.

Sadly, every catfish has a catfishee—the person that fell in love with the façade.

The MTV show of the same name features a new lovelorn protagonist every week who is seeking to meet his/her long-distance lover. Almost every episode ends with a catfish exposed. As the season continues it becomes clear: there seems to be a lot of catfish out there.

## Another Way to Say "Identity Thief"

and these thieves can steal personal information and photos from multiple victims to not only create a fake Although the footage is entertaining, the facts are alarming. A catfish is just another kind of identity thief, Facebook profile, but also a fake Facebook network of fake friends with fake profiles consisting of more stolen (i.e. fake) photos.

what if an identity thief uses the fake profile to gain employment or scam people into giving money or morer True, merely tricking someone into falling in love, although emotionally tolling, is relatively harmless. But information? The consequences could be devastating. As the term and trend gain popularity, it's likely that catfishing may become a more common form of identity theft. So it's smart to take some proactive steps. This unique crime requires that you protect yourself from both being catfished and having your identity stolen for the use of a catfish.

## There Are Other Fish in the Sea

## Fips to Avoid Being Catfished:

## 1. Use your webcam

problem, set up a time where you can both be at a library or Kinkos with web camera capabilities. If you meet someone online, take advantage of video chat at the beginning of your interactions. There are several free options including Skype and Google Plus. If computer technology is a your significant other makes excuses, you should consider this a red flag.

## Save it for the first date

Although things might seem intimate at first, be weary of getting too close too fast. Until you meet your new love interest in person, do not give out any personal information that could be used for identity theft.

## Do your research

simple online search of his/her name and city. There are also sites that offer free background checks. There are plenty of ways to find out more information about your cyber sweetheart. Start by doing a If you can't dig up any information, research the validity of some of your partner's closest social media friends. Consider even reaching out to those friends directly to get a personal place.

## Tips to Avoid Becoming a Catfish Resource Center:

1. Set up a Google alert for your name

Google Alert for your name. If someone creates a fully functioning profile with your name, you will get An easy, proactive way to ensure your social media profiles aren't being duplicated is to set up a

2. Reverse photo search

Set up a calendar or phone alert to remind yourself to do periodic reverse photo searches. Just drag your profile photo into the search bar, and Google will search for matches to this photo. This is a great way to find out if someone is using your profile picture for his/her own account.

3. Photo Privacy settings

Twitter. Many photo storage sites like Flickr can be easily viewed by the public if not set up properly Make sure all of your photos online are set to private. That includes Facebook, Google Plus and so check the settings on those accounts, too.

As always, caution is key when it comes to security

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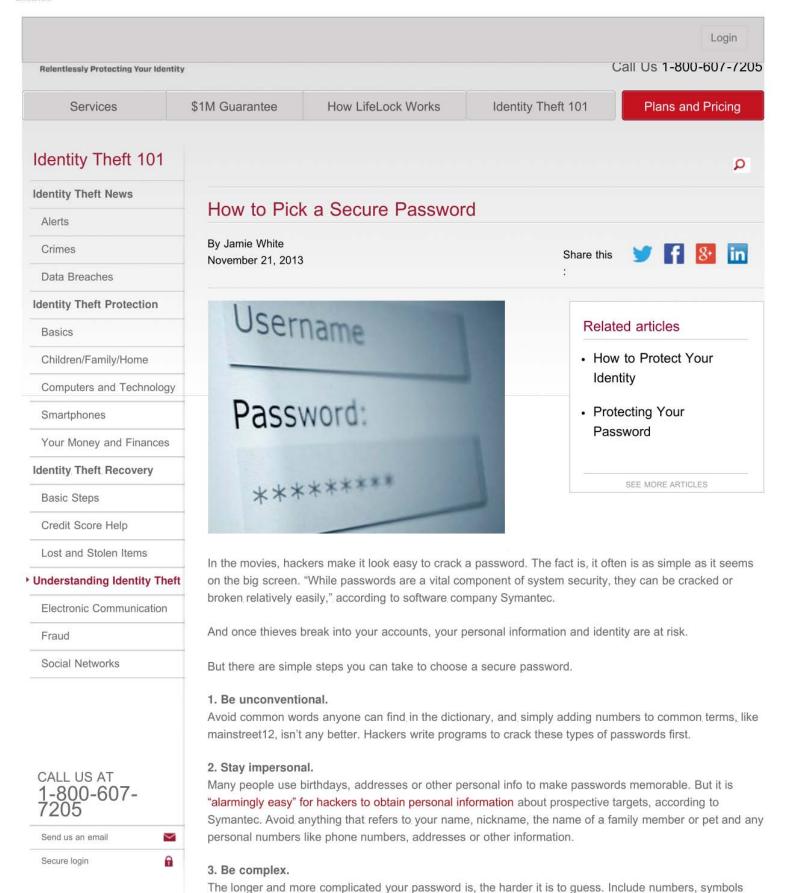


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and mixed-case letters. Google suggests this technique: Create a phrase known only to you, and associate it with a particular website. A phrase for your email could be "My friends Tom and Jasmine send me a funny email once a day." Use numbers and letters to recreate it. "'MfT&Jsmafe1ad' is a password with lots of

variations," notes Google.

### 4. Mix and match.

Do the same to create a unique password for every other password-protected site you visit, Google suggests.

"Choosing the same password for each of your online accounts is like using the same key to lock your home, car and office—if a criminal gains access to one, all of them are compromised," it says.

### 5. Change them up.

Passwords should be changed regularly to remain effective. How often?

Online financial accounts should be changed every month or two; corporate network passwords every 3-4 months. Everything else? Simply use good judgment and don't be lazy.

"Changing a password is relatively quick and painless compared to the irritating and expensive process of combating identity theft."

### 6. Put it to the test.

Online password checkers can evaluate a password's strength. Microsoft has a password checker here.

### 7. Consider a password manager.

Connectsafely.org suggests using a program or service like RoboForm, LastPass or Password Safe to create strong passwords for each of your sites, but you only have to remember one password to access the program that stores your passwords for you. Another service, Dashlane recently received praise from the New York Times' David Pogue.

"It saves you infinite time and hassle, it's (mostly) free, and it belongs on your computer and phone this very day," he wrote. It's now out in 2.0, and both memorizes your password and automatically logs you in to websites, even with complex logins such as bank accounts.

### 8. Use common sense.

Connectsafely.org reminds users that smart Internet habits are the key to password protection:

- · Never share your password with anyone. The only exception: kids should give theirs to their parents.
- Don't post it out in the open. Studies have found that many people still post their password on a sticky note, the organization reports.
- **Don't fall for "phishing."** Never click on a link (even if it appears to be legit) that asks you to log in, change your password or provide any other personal information. It might be a "phishing" scam.

Jamie White is the managing editor of news content for LifeLock. As a journalist for the last 15 years, she has worked as a reporter and editor at news organizations throughout the San Francisco Bay Area, including The San Francisco Examiner. Most recently, she was a regional editor for Patch Media, a local news and information consortium of 900 websites nationwide. Jamie holds a master's degree from Columbia University's Graduate School of Journalism.

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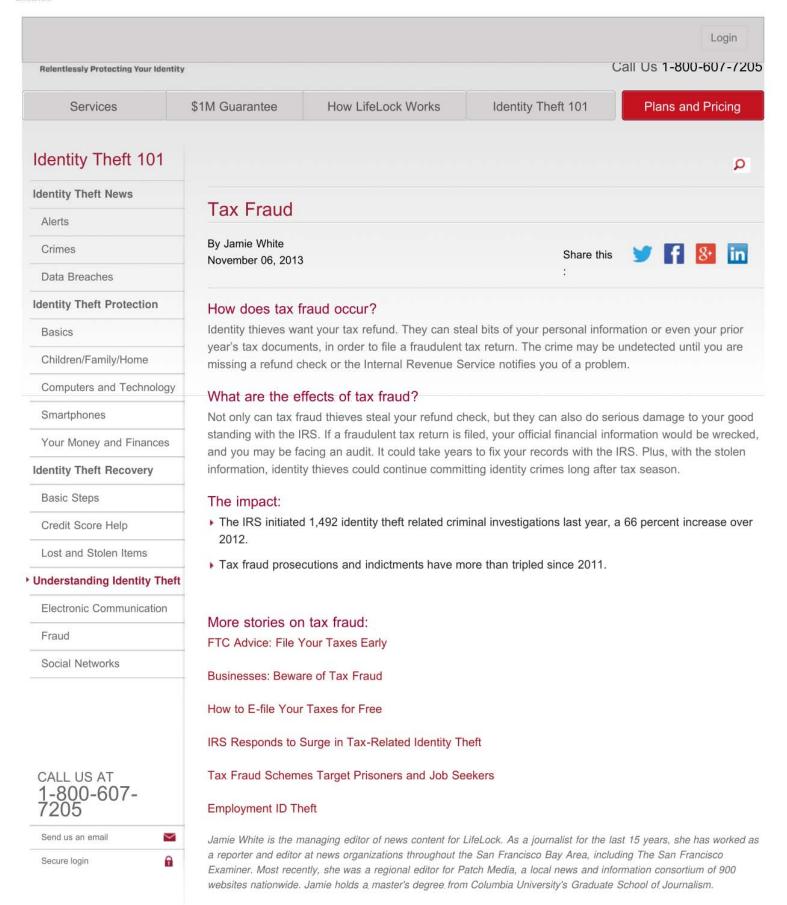












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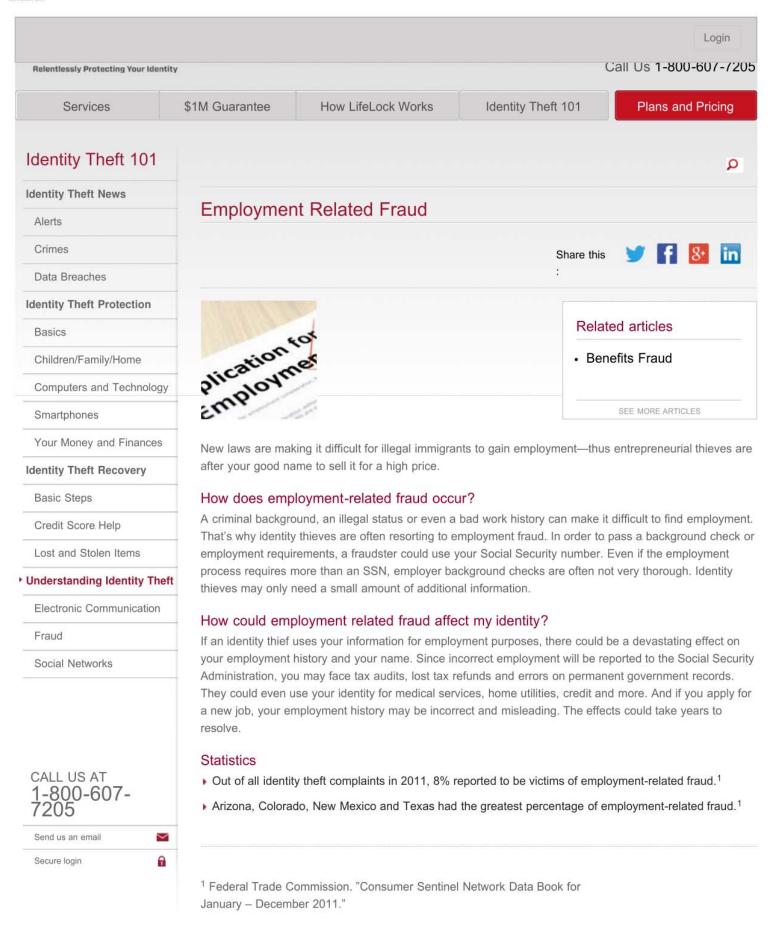












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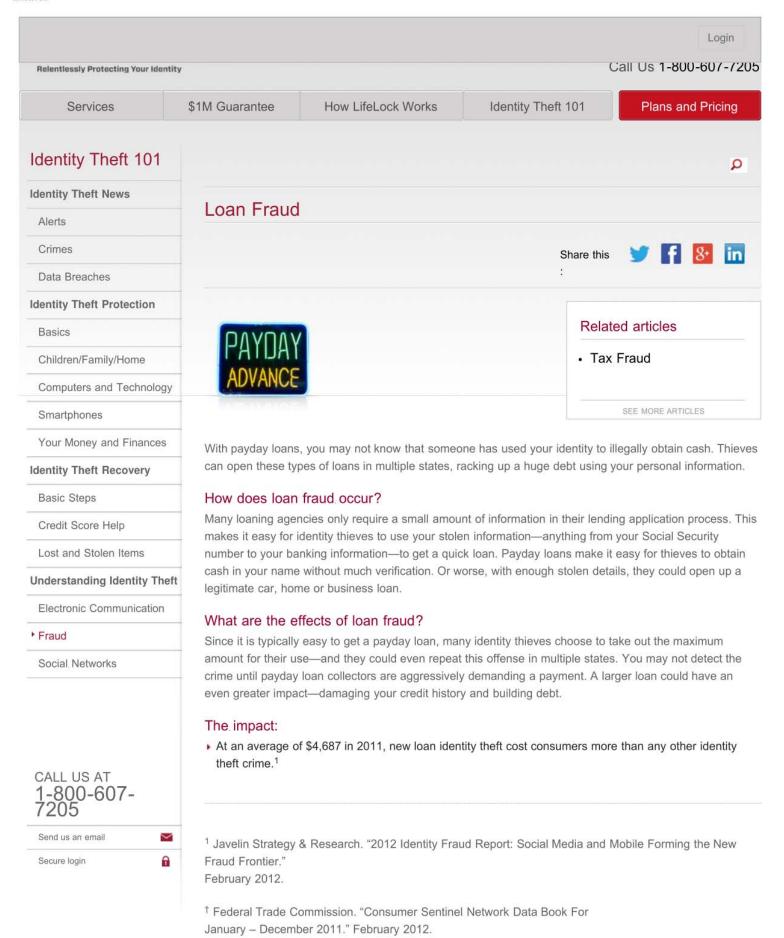












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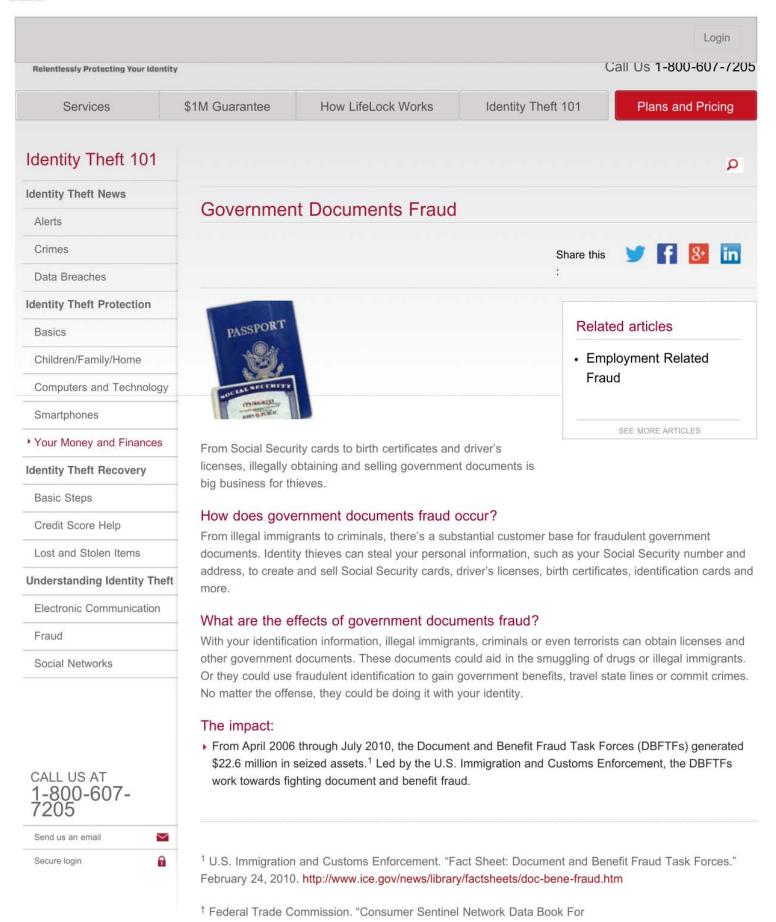












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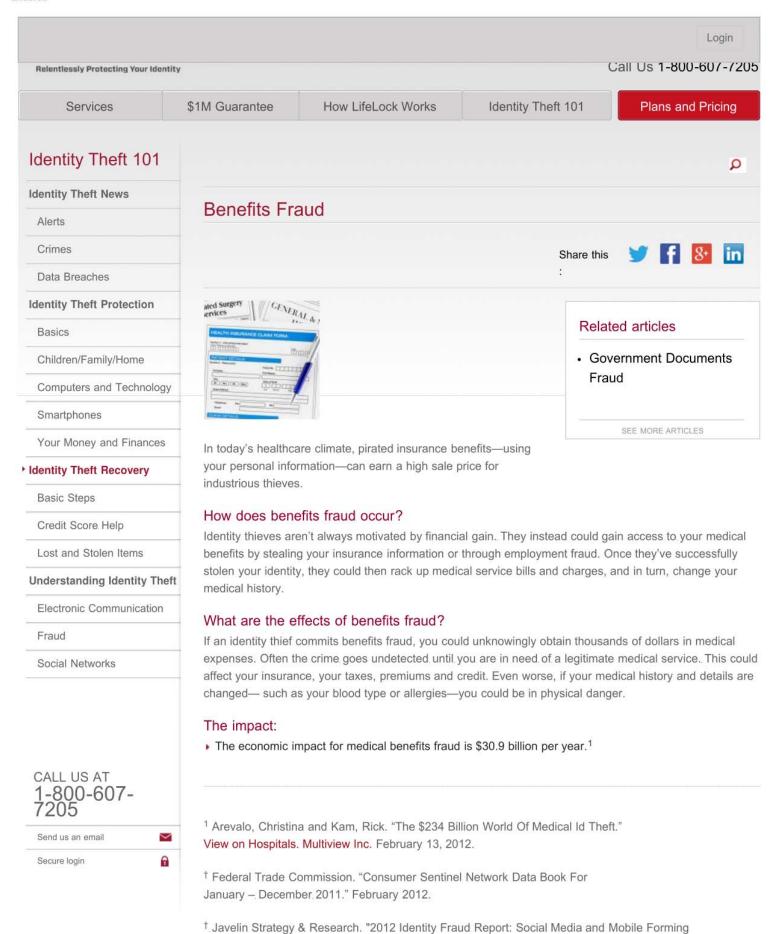












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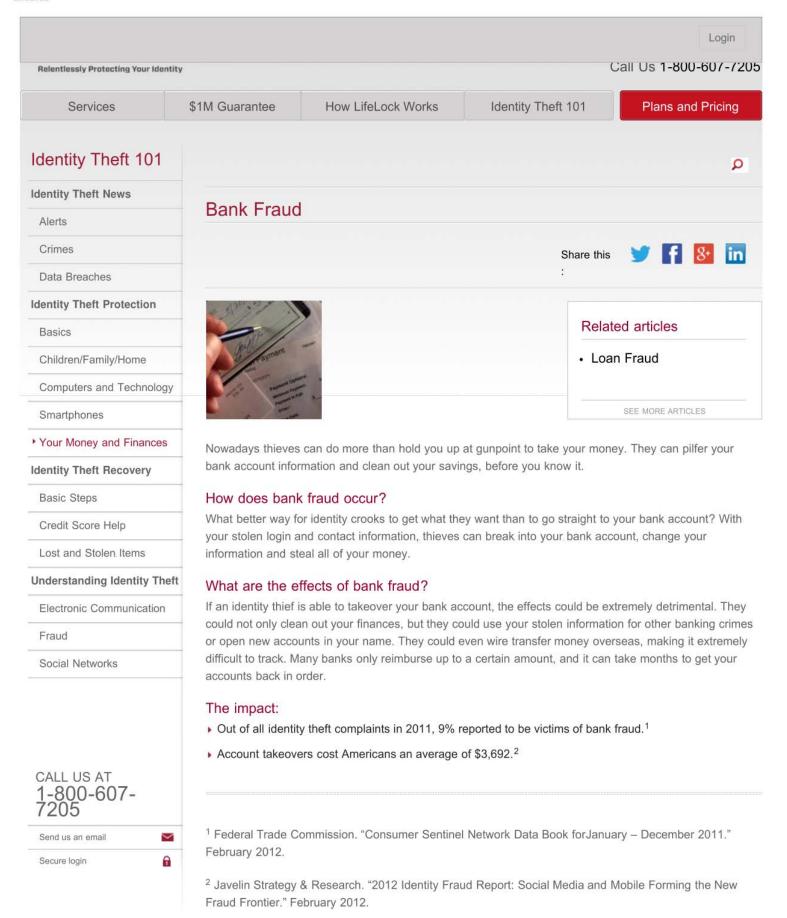


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**Understanding Identity Theft** 

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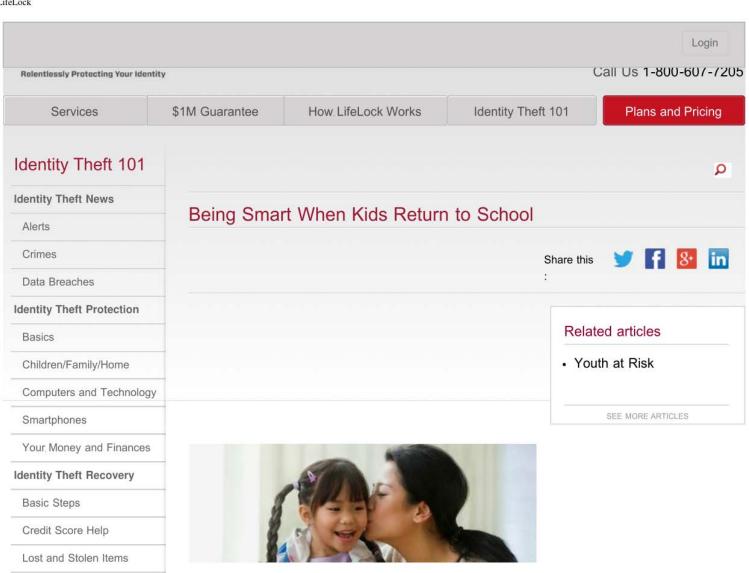
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Kids love back-to-school season almost as much as identity thieves. And what's not to love? New clothing. New supplies. New schedule. Sometimes even a new school. It's new everything! But all that new stuff means a lot of transactions and exchanging of information—pretty tempting to an identity thief.

From pre-school to college, back-to-school season can be a dangerous time for your children's identity. The best way to protect your kids is to stay informed. Here are six common back-to-school activities that put you and your child's identity at risk.

- 1. Sports & Extra-Curricular Activities: Many after-school activities take place on school grounds, but they may be sponsored by an outside organization with different privacy policies than a school. Make every effort to keep as much information under wraps as possible and ensure your child's information isn't being posted on the organizations websites, game lineups, etc.
- 2. Back-to-School Shopping: Back to school shopping can be fun, as well as a little frantic. But this is not the time to let your guard down. Keep an eye on your credit cards, use cash whenever possible and make sure you're on a secure website and connection when shopping online. Find more information about credit and debit card fraud.
- 3. Purchasing Books: In many colleges, purchasing textbooks requires a student ID number or card. But a student's name and ID number could lead an identity thief to a full profile. Plus, in all the hustle of buying the right books in time for that first class, it's easy to lose track of credit cards and numbers. Before your children start the Fall semester, be sure to talk to them about the importance of keeping these items safe and private. Find out more information about identity theft and college students.

- 4. Submitting Enrollment Information: Between birthdates, Social Security numbers and medical documents, schools keep loads of identity information stored for their records. But if they get robbed, hacked or breached, personal information could be compromised. But what can you do? Above all, provide as little information as possible. Keep an eye on what paperwork comes home and what forms go out, making sure this information is delivered securely. If possible, make sure that your child's school keeps its records in a safe place.
- 5. Filling Out a FAFSA: A Free Application for Federal Student Aid (FAFSA) form contains a wealth of personal information. In other words, it's an identity thief's treasure trove. Keep track of communications from FAFSA and shred documents when possible. And be sure not to fall for any fraudulent websites or phishing emails that may be mocking FAFSA documents. Find more information about phishing. Find more information about counterfeit websites.
- 6. Knowing Your Rights: The Protection of Pupil Rights Amendment (PPRA) gives you the freedom to see surveys and instructional materials before they are passed out in the classroom. The Family Educational Rights Privacy Act (FERPA) protects the privacy of your students' information and gives parents and students the option to view those records. Know your rights, and take advantage of them. Monitoring your child's educational records can help your keep your child protected. Find more information about your federal rights.

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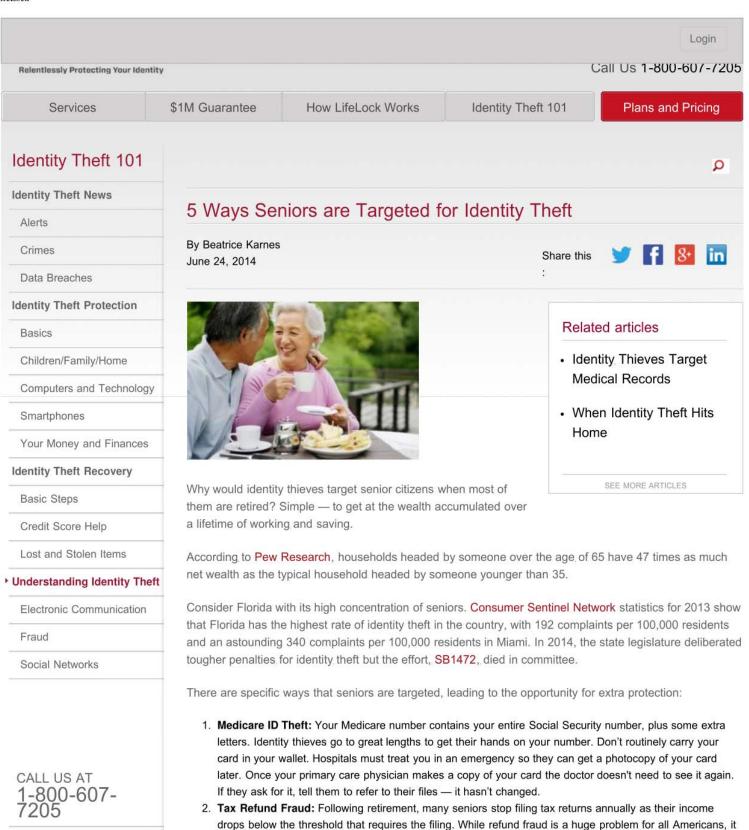


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FTC-0001086

hits seniors harder because it takes longer to realize they've been victimized. Filing taxes is free — go

3. We're Issuing You a New Card: The senior receives a phone call from a person who says that he or she is being issued a new Medicare card. The caller just needs to confirm a few things such as date of birth, your old Medicare number, etc. Don't fall for it. A government agency never initiates contact by phone and never asks for personal identifying information —they already have everything on file. Just hang up.
4. Stolen Mail: Seniors often do things the same way they've done them for 50 years — such as put outgoing

through the mental exercise even if it's not required. You may even get a few dollars back.

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- mail in their mailboxes to be picked up by the mail carrier. Swiped mail, incoming or outgoing, contains a wealth of information from credit card numbers and bank account numbers to driver's licenses and unsolicited credit card applications. Get a locking mailbox or a mail slot that drops mail into a secure place. Post outgoing mail at the post office or a USPS mailbox.
- 5. Fake Funeral Notices: Due to their advancing age, seniors know more people who die than younger people. This makes them more vulnerable to scams involving death. Earlier this year the Federal Trade Commission warned of fake emails purporting to be funeral notices. The recipients were invited to click on a link in the email for more information and to leave condolences. The link downloaded malware onto the victim's computer, making them vulnerable to identity theft.

Beatrice Karnes is a freelance writer. She has many years of experience working behind the scenes at local TV stations in California, Colorado and Wyoming. Most recently, she was an editor for Patch Media, a local news and information consortium of 900 websites nationwide. Beatrice holds a bachelor's degree in journalism from San Jose State University.

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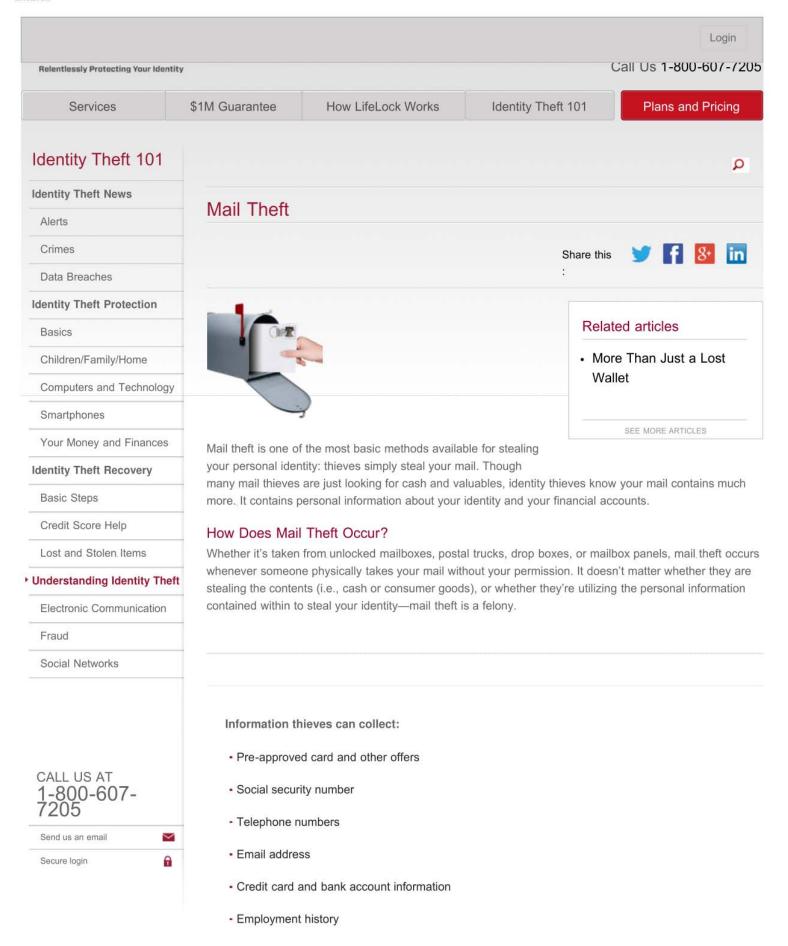


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- Other personal information

What thieves can do with this information:

- Identity theft
- Employment-related fraud
- Loan fraud/payday loan fraud
- Bank fraud
- Benefits fraud
- Tax fraud
- · Other identity fraud

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<sup>&</sup>lt;sup>†</sup> Federal Trade Commission. "Consumer Sentinel Network Data Book For January – December 2011." February 2012.

<sup>&</sup>lt;sup>†</sup> Javelin Strategy & Research. "2012 Identity Fraud Report: Social Media and Mobile Forming the New Fraud Frontier." February 2012.







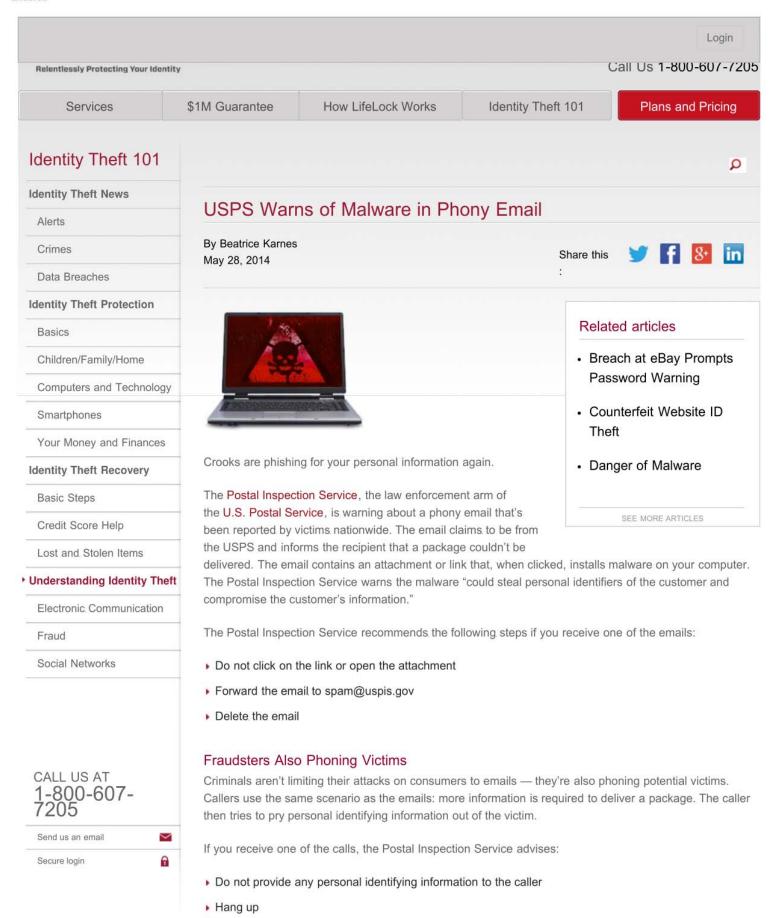


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Contact your local post office to verify the phone call

#### Contact the Postal Inspection Service at 877-876-2455

The Postal Inspection Service investigation into the fraudulent emails and calls is ongoing.

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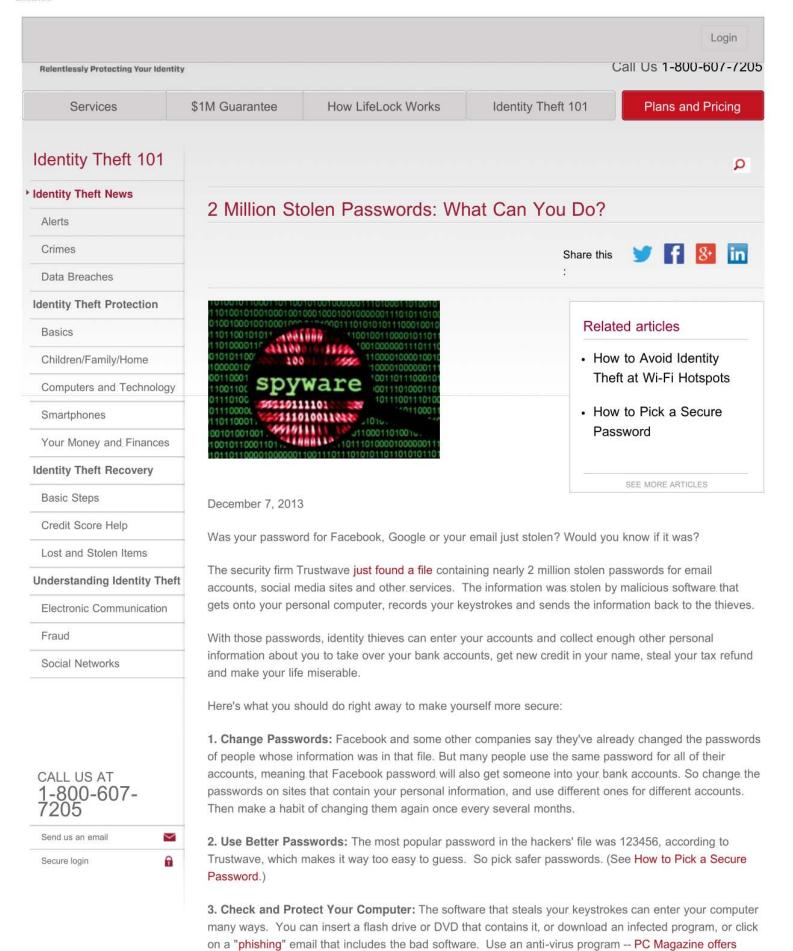


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reviews of the best ones -- to protect your computer and check it regularly.

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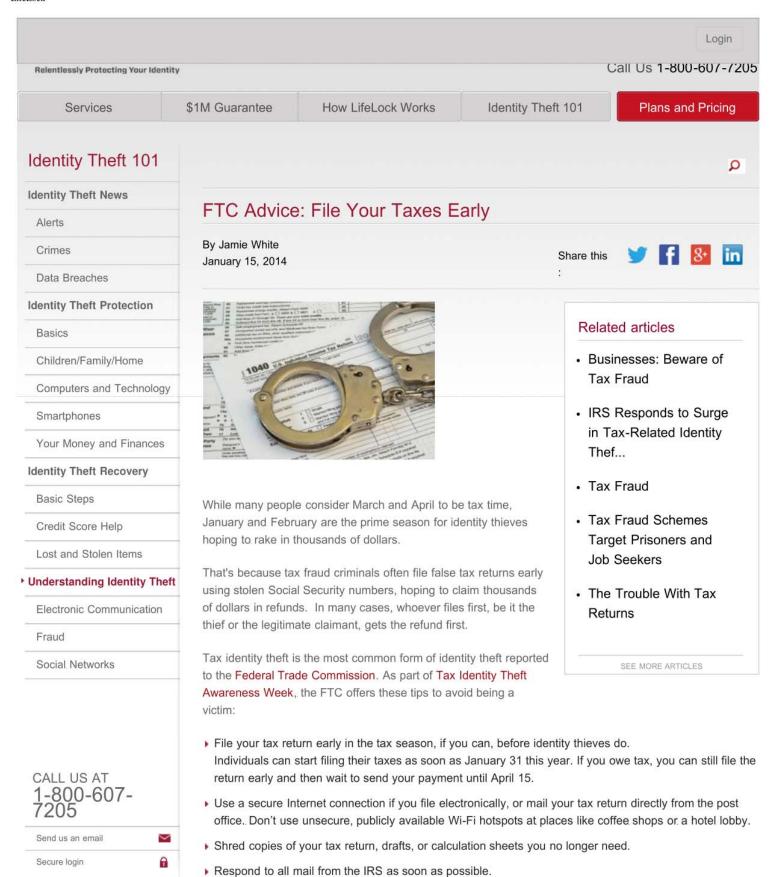


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Know the IRS won't contact you by email, text, or social media. If the IRS needs information, it will

Don't give out your Social Security number or Medicare number unless necessary. Ask why it's needed,

FTC-0001097

contact you by mail.

how it's going to be used, and how it will be stored.

- Get recommendations and research a tax preparer thoroughly before you hand over personal information.
- Check your credit report at least once a year for free at annualcreditreport.com to make sure no other accounts have been opened in your name.

Tax identity theft victims typically find out about the crime when they get a letter from the IRS saying that more than one tax return was filed in the their name, or IRS records show they received wages from an employer they don't know. If you get a letter like this, says the FTC, don't panic. Call the IRS Identity Protection Specialized Unit at 1-800-908-4490 if you get a letter like that, or if you have any reason to believe your Social Security or Medicare number has been compromised. (If you're a LifeLock member, also report it to us at 1-800-LifeLock so we can help.)

More information about tax identity theft is available from the FTC at and from the IRS.

Jamie White is the managing editor of news content for LifeLock. As a journalist for the last 15 years, she has worked as a reporter and editor at news organizations throughout the San Francisco Bay Area, including The San Francisco Examiner. Most recently, she was a regional editor for Patch Media, a local news and information consortium of 900 websites nationwide. Jamie holds a master's degree from Columbia University's Graduate School of Journalism.

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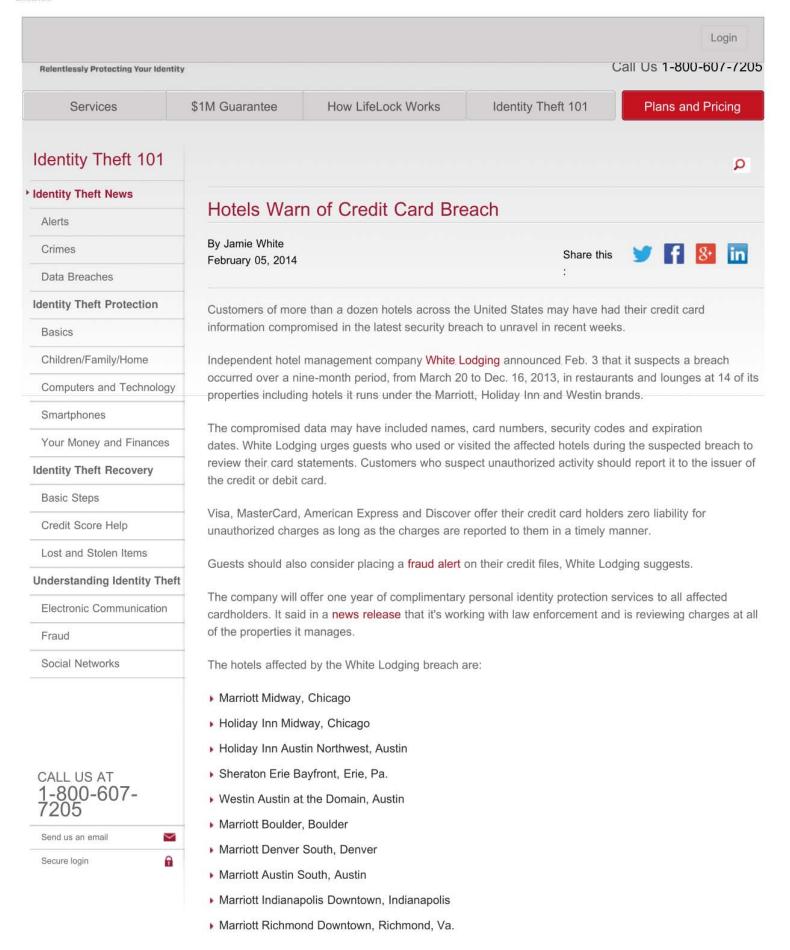


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- Marriott Louisville Downtown, Louisville, Ky.
- Renaissance Plantation, Plantation, Fla.
- ▶ Renaissance Broomfield Flatiron, Broomfield, Colo.
- Radisson Star Plaza, Merrillville, Ind.

The hotel incident comes on top of other retailers experiencing data breaches, including Target — where up to 110 million of its customers may have had their credit, debit and other personal information stolen over a three-week period late last year.

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U.S. credit card companies and merchants face an October 2015 deadline to switch to RFID cards and

continuously testing for vulnerabilities—and finding them. And as Jackson's case shows, it isn't always the

cases like Jackson's are rare, researchers and "white hat" hackers looking to improve security are

good guys who find ways past the security measures and encryption.

card readers, if they haven't already. U.S. passports have used this technology since 2007. However, a simpler passport card with a chip that only contains an identification number without the rest of the personal information is available for use when crossing borders by land and sea-for example, to head to Mexico or Bermuda.

Special RFID-blocking wallets are available to thwart would-be thieves. For those who want to keep their wallet or put cards in their pockets, there's Card Guard, a protective covering for chipped cards. Some experts say you can improvise protection by wrapping a chipped card in aluminum foil.

Marcia Simmons is a freelance writer living in the San Francisco Bay Area. Her work has appeared in Every Day with Rachael Ray, Shape, Go, Geek, among other publications. She has also served as managing editor for the North Bay Business Journal and an editor for the Project Censored series of books.

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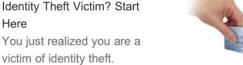
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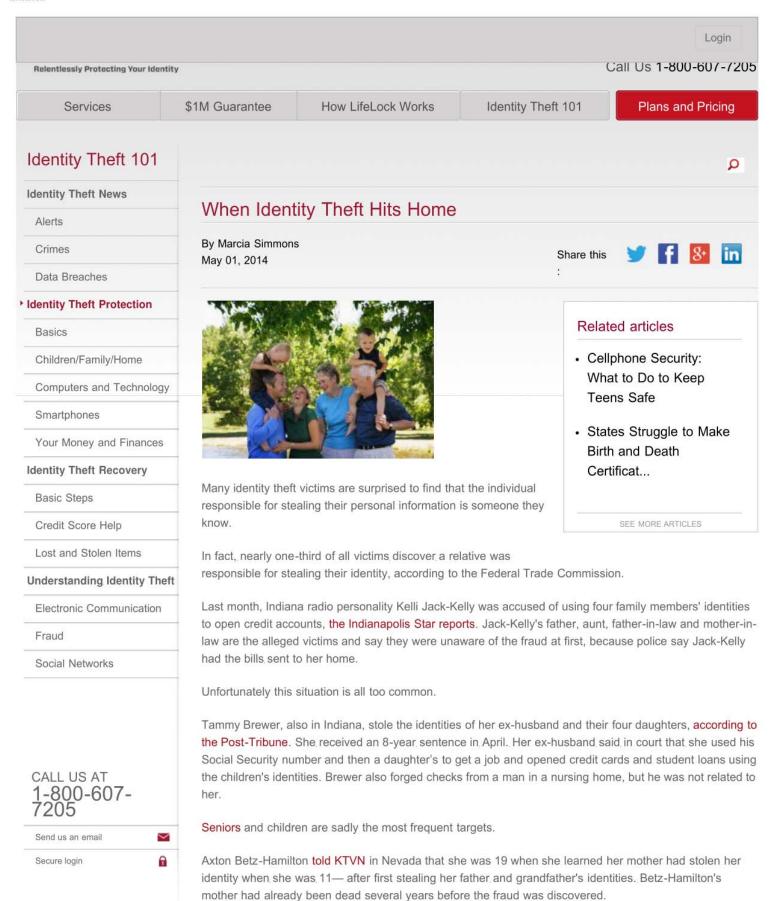


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"My credit report was 10-pages long full of fraudulent credit card entries and associated collection agency

entries," she told KTVN.

Those victimized by family members often pay the debts and choose not to involve the authorities, because they don't want to be responsible for a loved one going to jail or feel pressured by them.

"When someone you don't know steals your identity, it's very impersonal," Mari J. Frank, a lawyer who works with people whose identities have been stolen, said in a **New York Times interview**. "They just want money. But when it's a family member, it's far more emotionally destructive."

Marcia Simmons is a freelance writer living in the San Francisco Bay Area. Her work has appeared in Every Day with Rachael Ray, Shape, Go, Geek, among other publications. She has also served as managing editor for the North Bay Business Journal and an editor for the Project Censored series of books.

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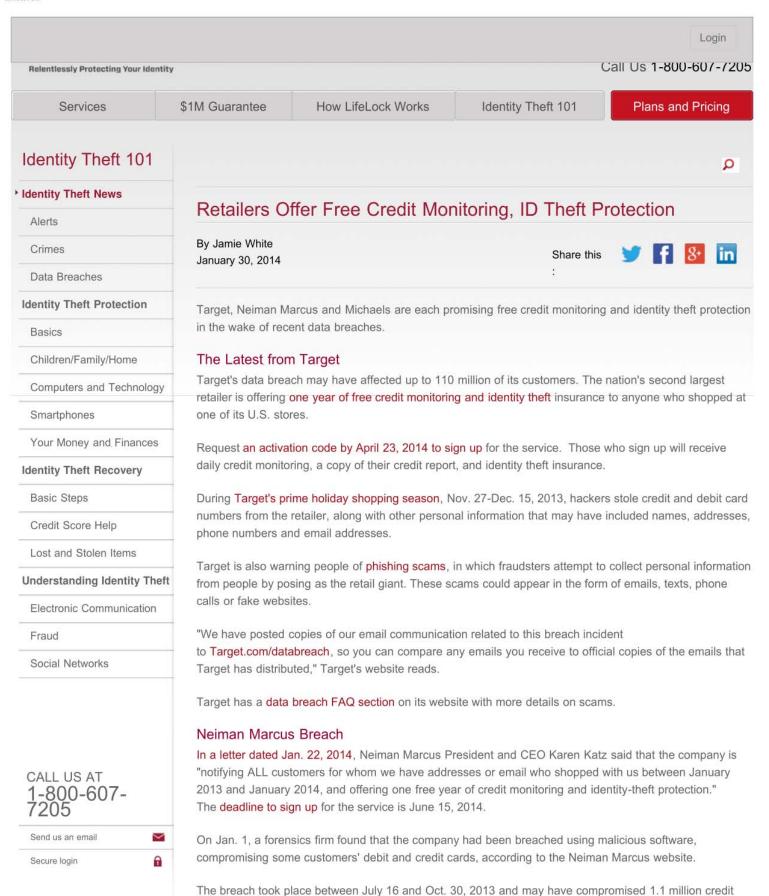


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Michaels Investigation

and debit card accounts.

Michaels Stores says it's unsure whether a data breach occurred at any of its stores, but the nation's largest arts and crafts retailer has issued a warning to its customers.

"As you may have read in the news, data security attacks against retailers have become a major topic of concern. We recently learned of possible fraudulent activity on some U.S. payment cards that had been used at Michaels, suggesting we may have experienced a data security attack," wrote Michaels CEO Chuck Rubin.

The letter goes on to offer additional information, and says that the store will offer identity protection and credit monitoring services at no cost to its affected customers if the investigation uncovers a data breach.

"If we find as part of our investigation that any of our customers were affected, we will provide information on our website on how to sign up for these services," the letter reads. "We will provide updates on our website as our investigation continues. In the meantime, if you have any questions, please call us toll-free at 1-877-412-7145."

Jamie White is the managing editor of news content for LifeLock. As a journalist for the last 15 years, she has worked as a reporter and editor at news organizations throughout the San Francisco Bay Area, including The San Francisco Examiner. Most recently, she was a regional editor for Patch Media, a local news and information consortium of 900 websites nationwide. Jamie holds a master's degree from Columbia University's Graduate School of Journalism.

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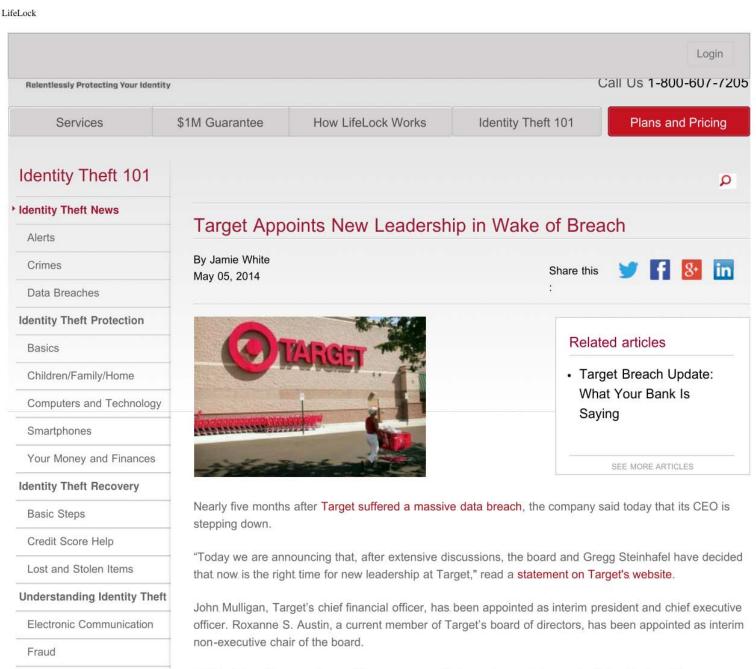


Social Networks

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Steinhafel, a 35-year veteran of the company, will stay on in an advisory role during the transition. "The board is deeply grateful to Gregg for his significant contributions and outstanding service throughout his notable 35-year career with the company," the statement read. "We believe his passion for the team and relentless focus on the guest have established Target as a leader in the retail industry."

Target also announced that starting today, Bob DeRodes will lead its information technology transformation as executive vice president and chief information officer. DeRodes will oversee the Target technology team and operations, with responsibility for the ongoing data security enhancement efforts as well as the development of Target's long-term information technology and digital roadmap.

In a statement released April 29, prior to his departure, Steinhafel said, "Establishing a clear path forward for Target following the data breach has been my top priority. I believe Target has a tremendous opportunity to take the lessons learned from this incident and enhance our overall approach to data security and information technology. Bob's history of leading transformational change positions him well to lead our continued breach responses and guide our long-term digital strategy."

DeRodes has more than 40 years of experience and is a recognized leader in information technology, data

security, and business operations — including working for the U.S. Department of Homeland Security and advising multinational companies.

The company is continuing its active search for a chief information security officer and a chief compliance officer.

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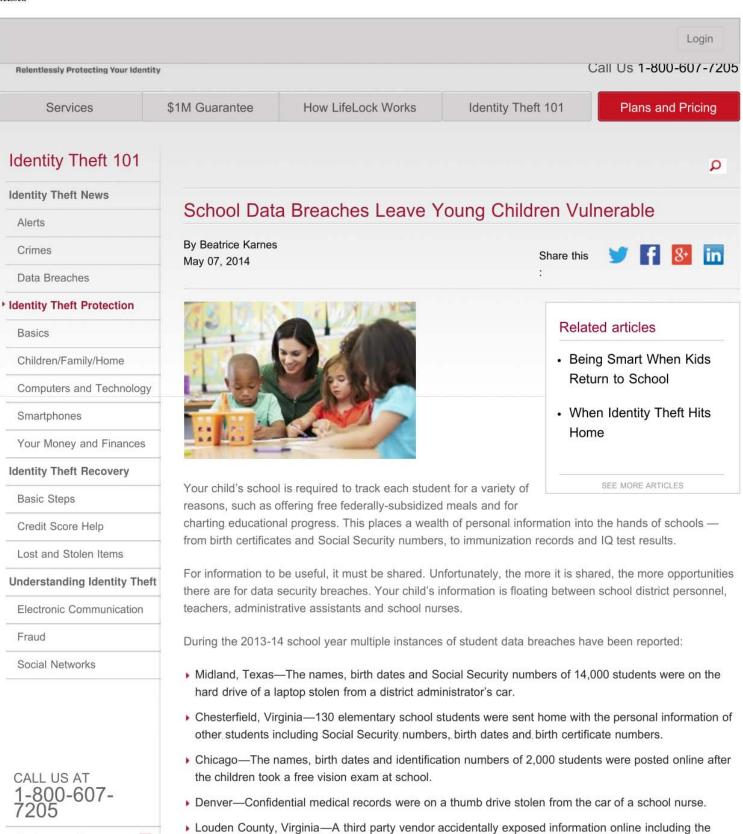


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▶ Miami—The FBI reports that a school food service worker and co-conspirators used student Social

Security numbers to file about 400 phony tax returns (U.S. vs. Rhim-Grant, et al.)

When the information of students is compromised it may take years for they and their families to realize the

names, addresses, phone numbers, birth dates and birth places of students. Every school was involved,

with the potential to impact 71,000 students.

fallout.

The Federal Trade Commission (FTC) recommends that you be proactive about your child's information, "Don't share your child's Social Security number unless you know and trust the other party. Ask why it's necessary and how it will be protected. Ask if you can use a different identifier, or use only the last four digits of your child's Social Security number."

In the Miami case cited above, if the school district had assigned identifying numbers to the students instead of using Social security numbers, the children would not have been victimized.

United States Attorney Wifredo A. Ferrer filed charges against 25 defendants in the Miami area for filing false tax refunds, including the cases involving students. He stated, "These cases serve as a reminder that each and every one of us is a potential victim. While we have a talented and effective team dedicated to fight this fraud, we need everyone—both taxpayers and institutions—to remain vigilant in safeguarding personal identifying information. Protect it as if it were a trade secret."

As a parent, you have the right to review your child's school record. The Family Educational Rights and Privacy Act (FERPA) grants you access. Check your child's file for sensitive information and ask for the Social Security number to be removed. Do not provide it in the future.

Protect your children by monitoring their identity as closely as you monitor your own.

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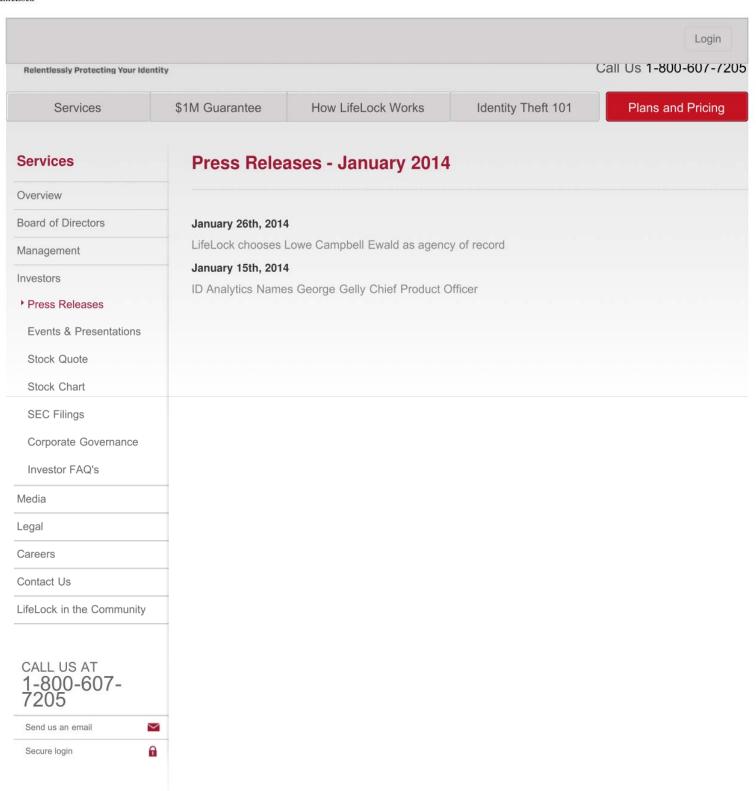


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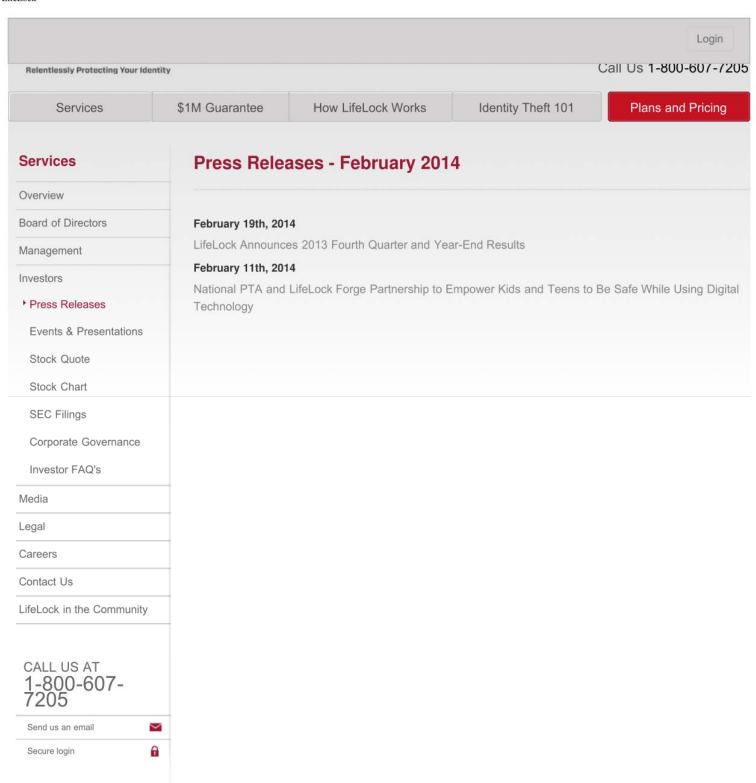
















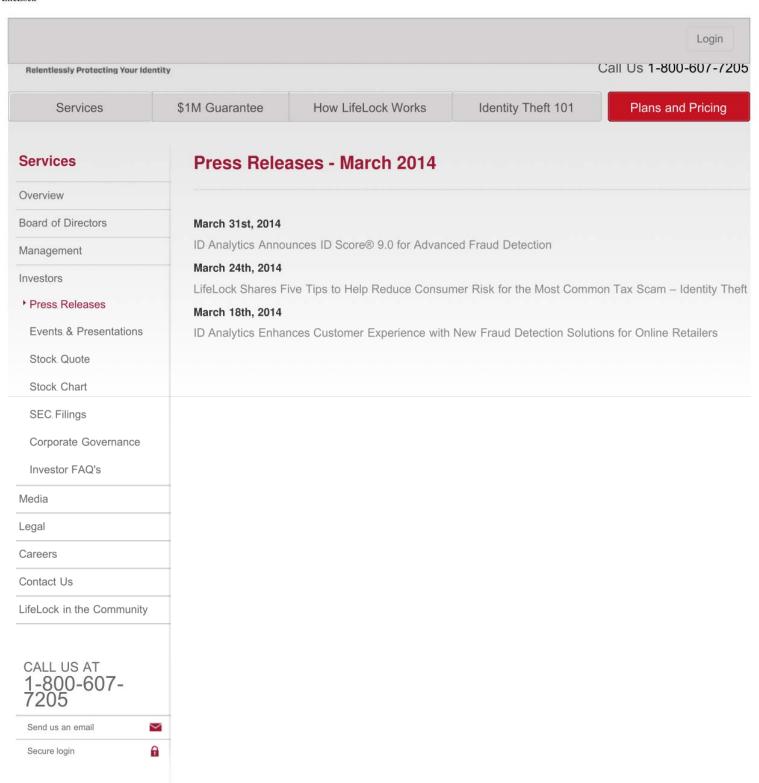


















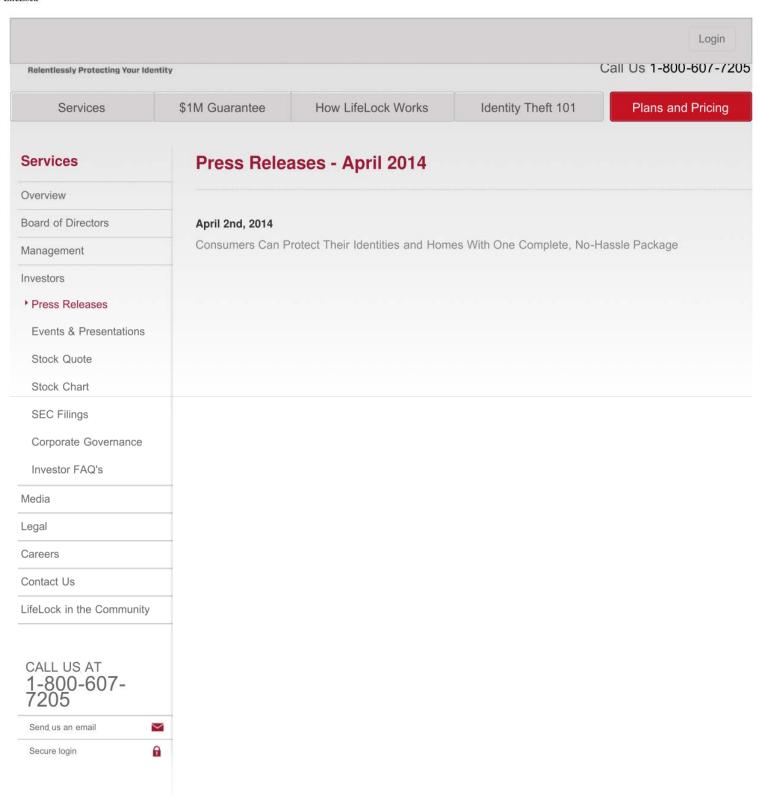
















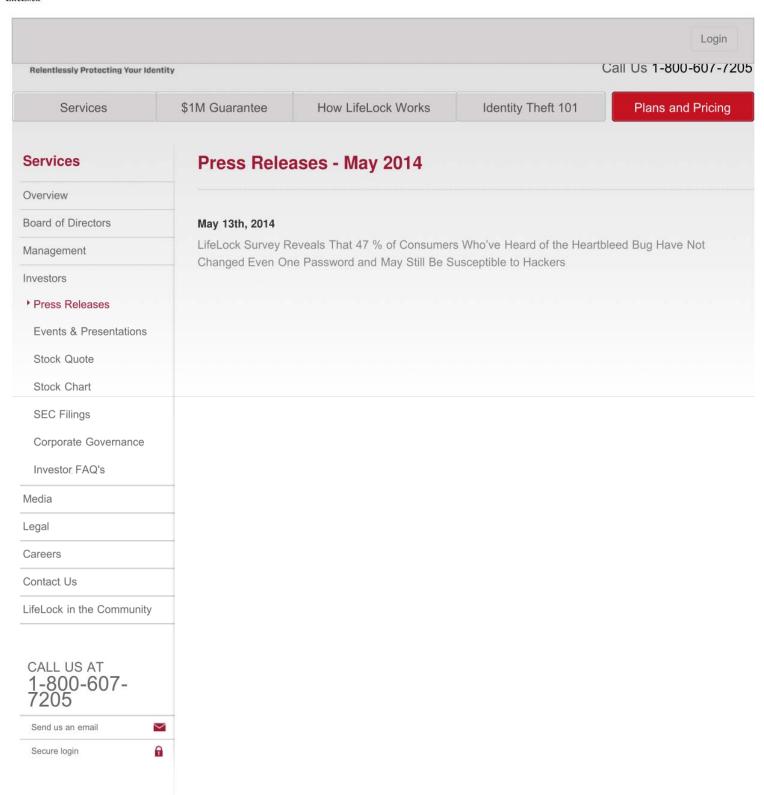


















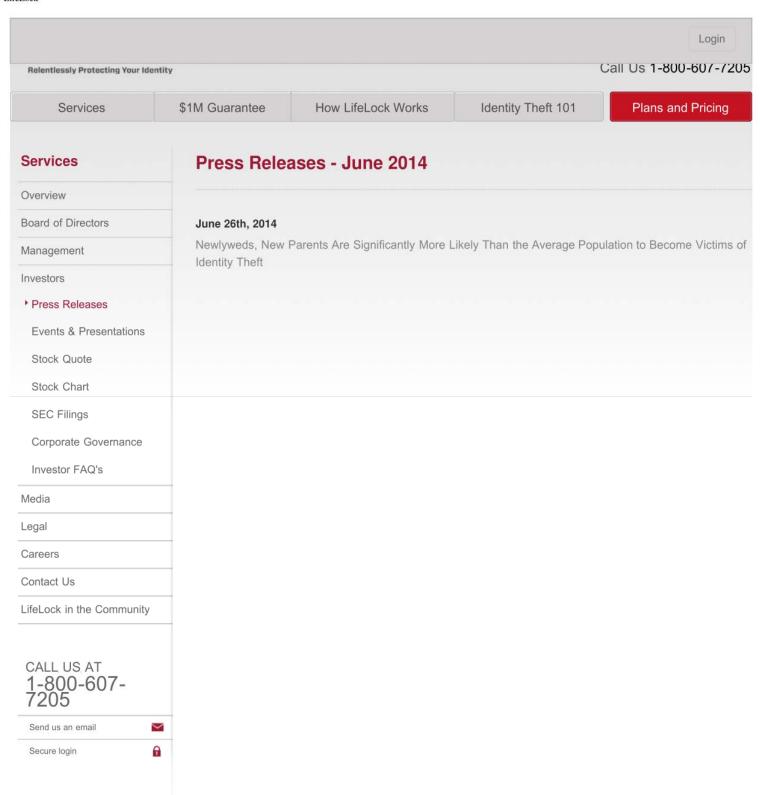
















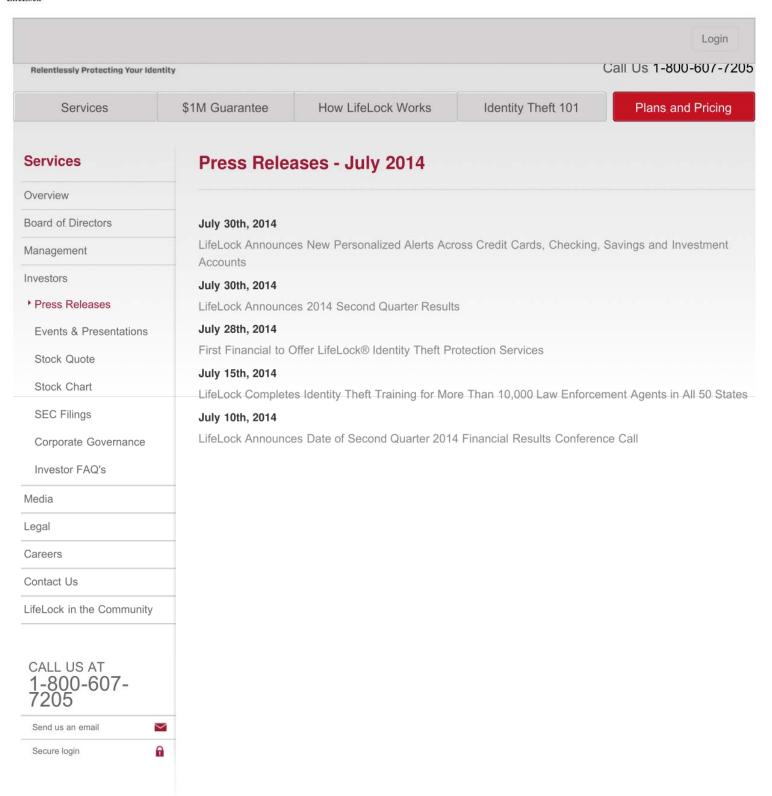


















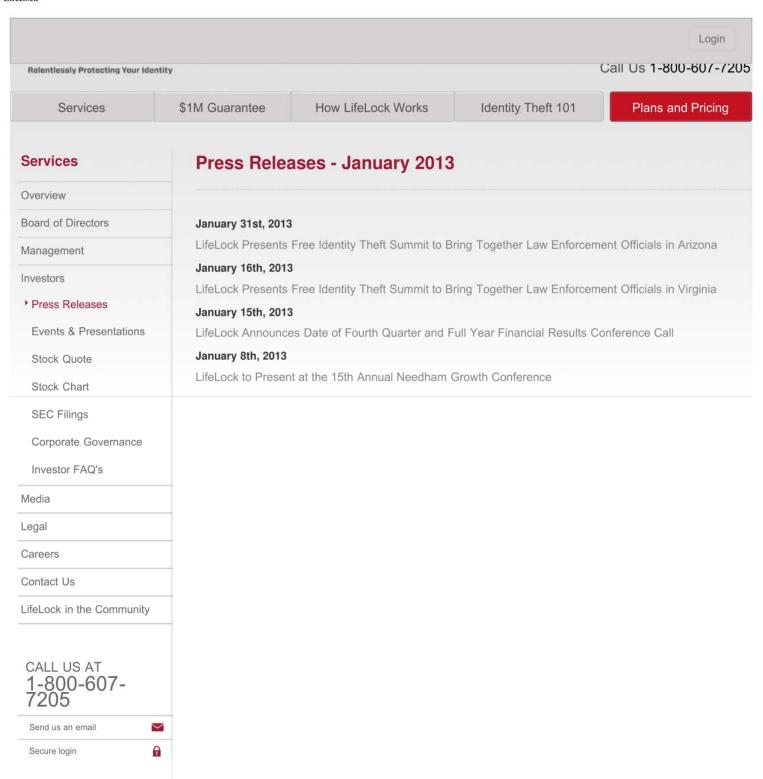
















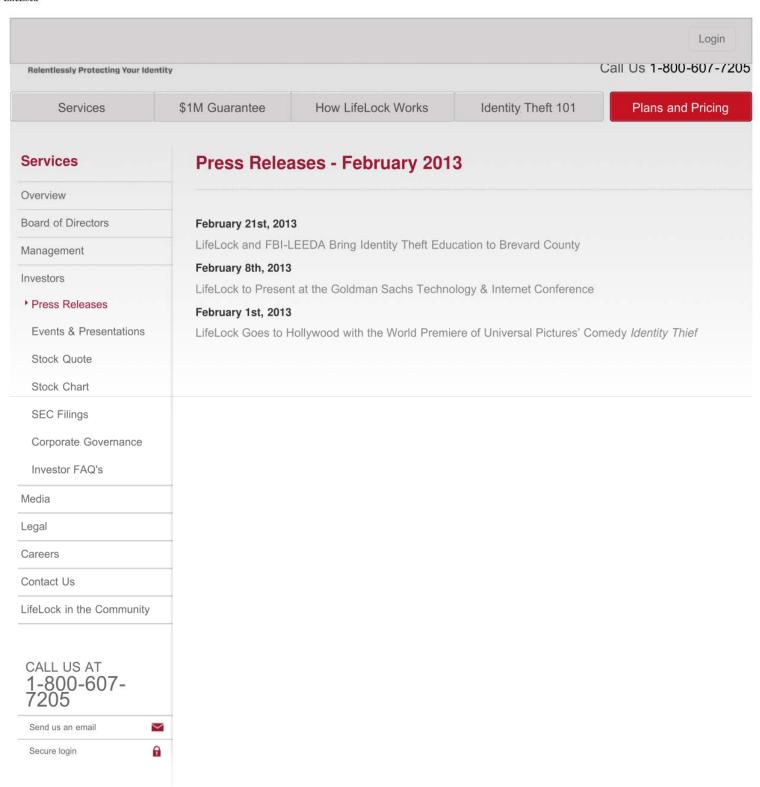


















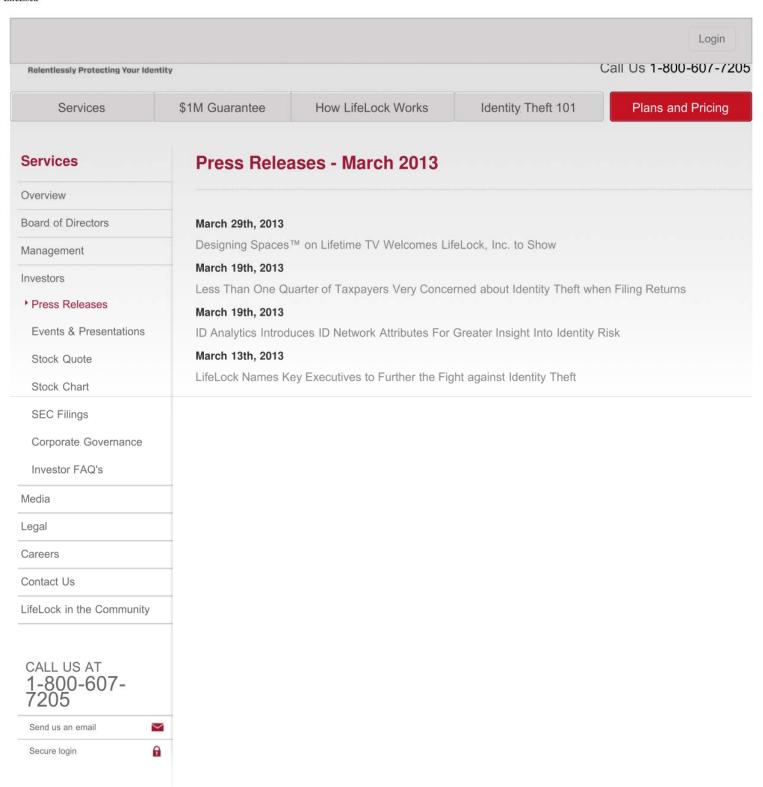


















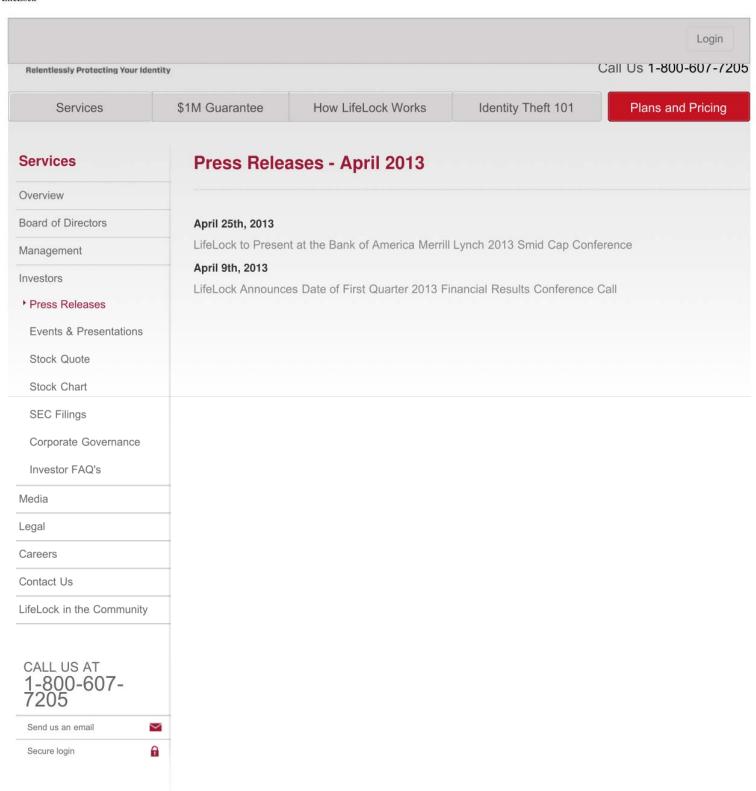
















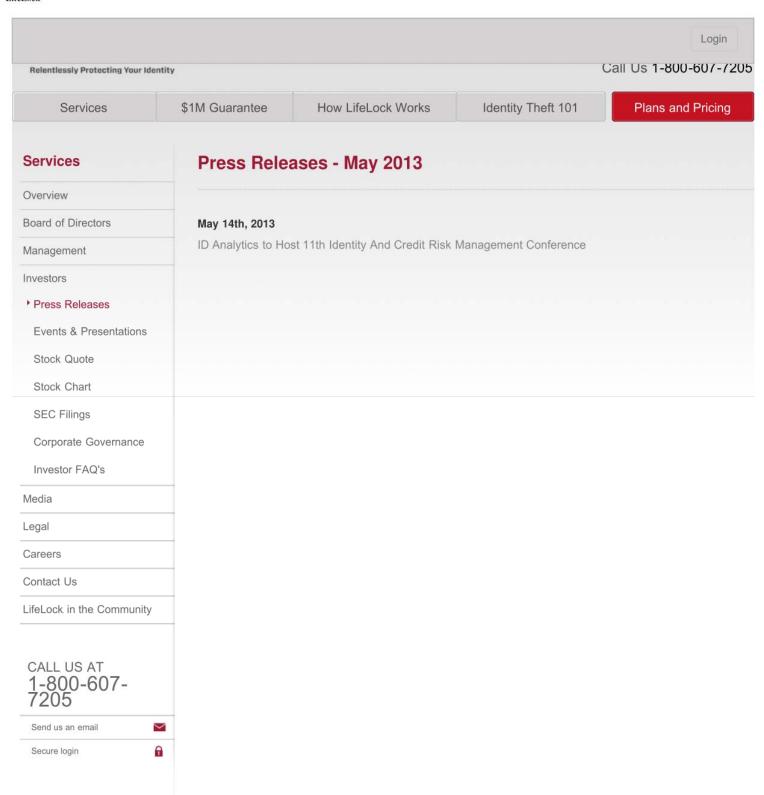
















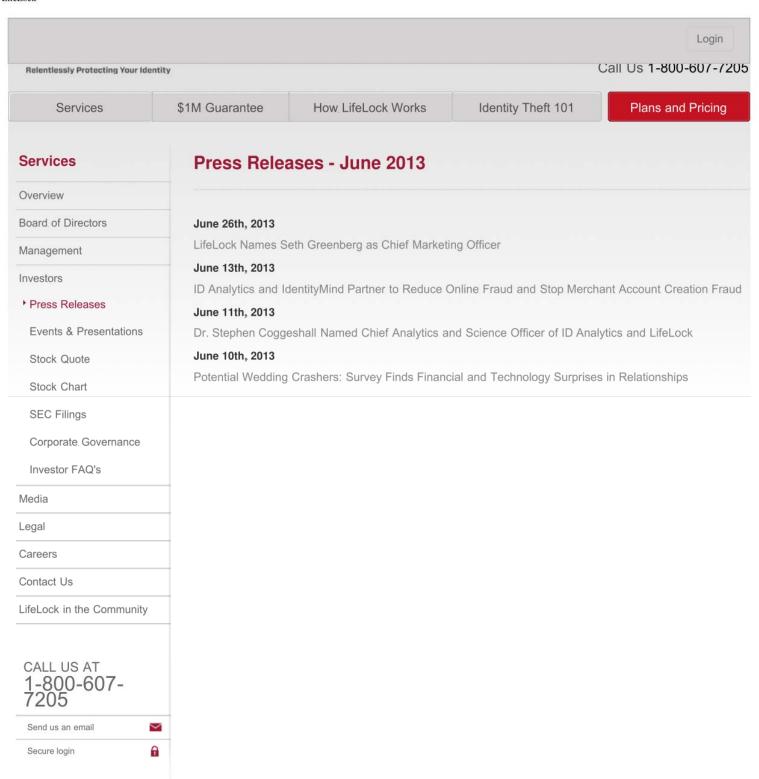


















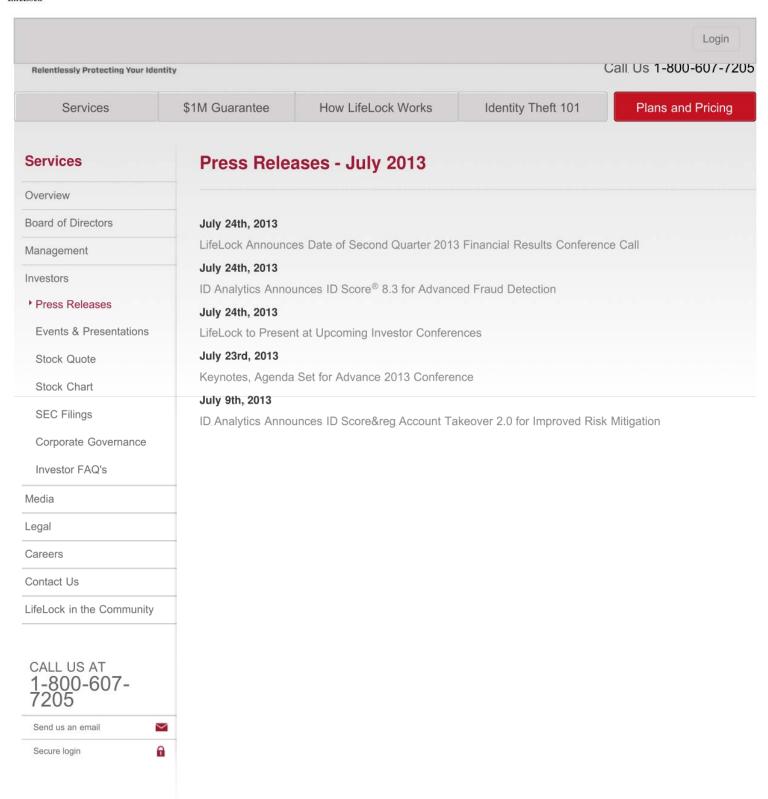
















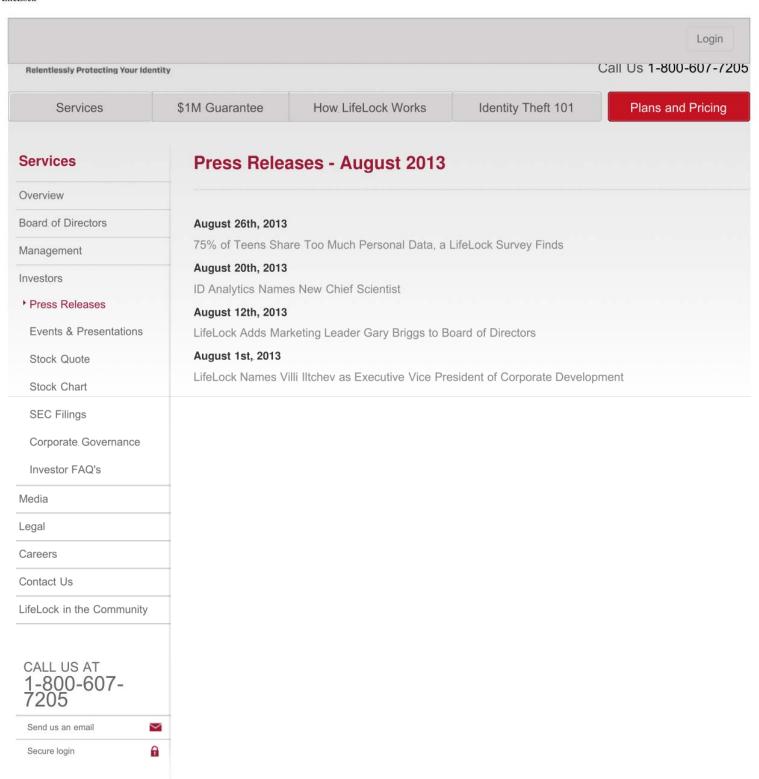
















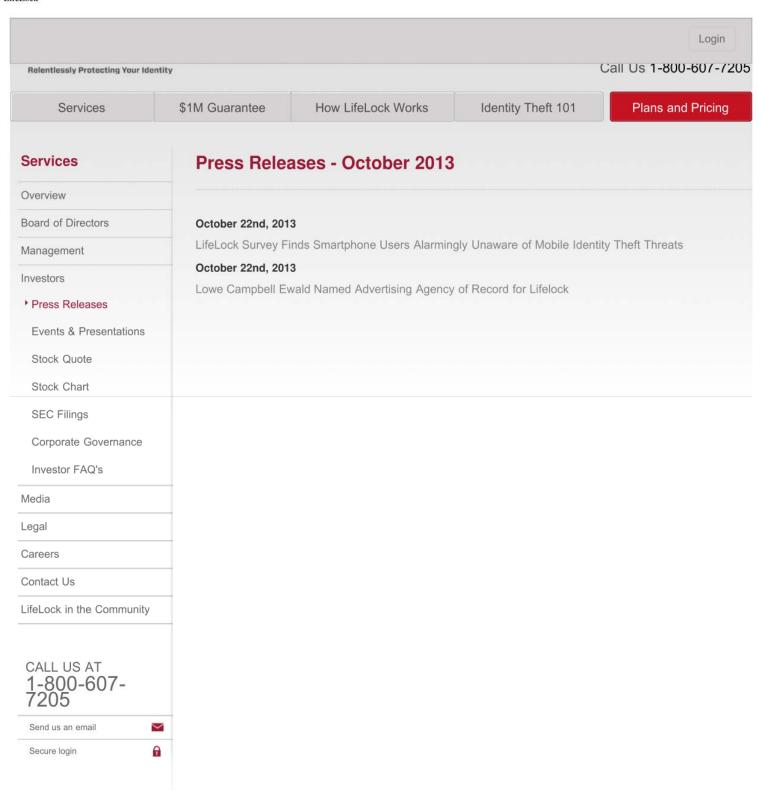


















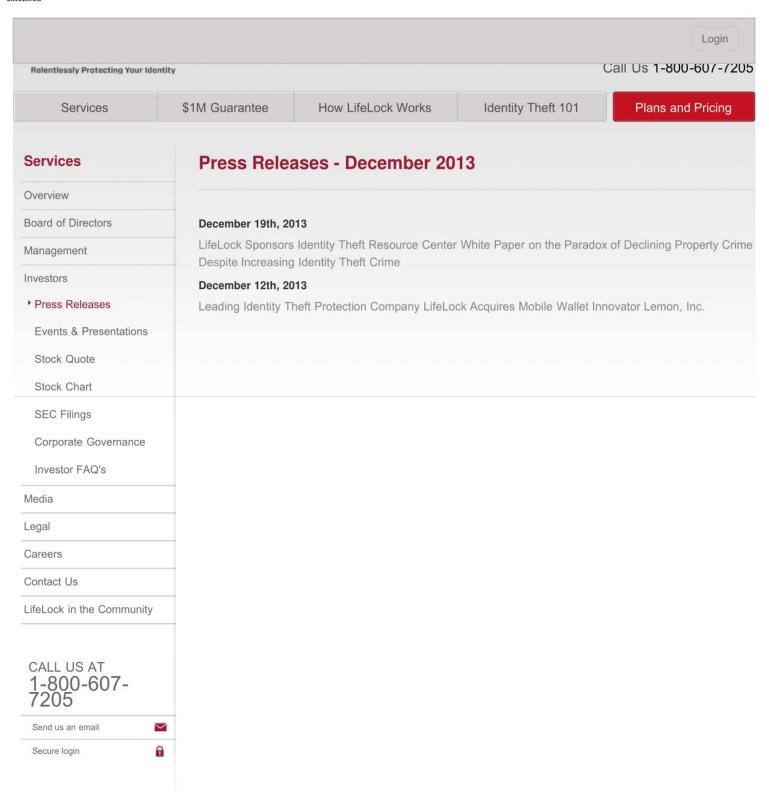
















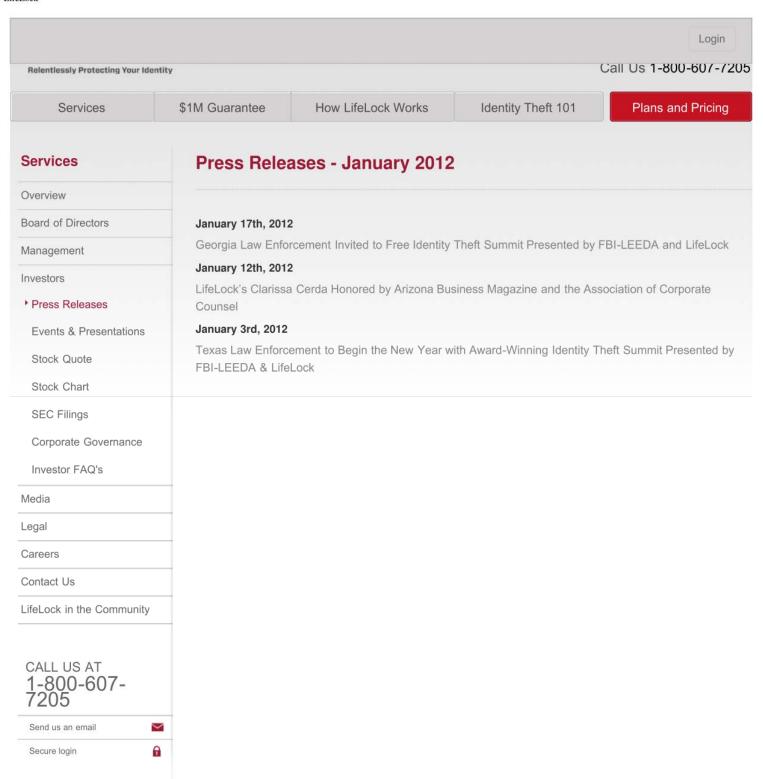
















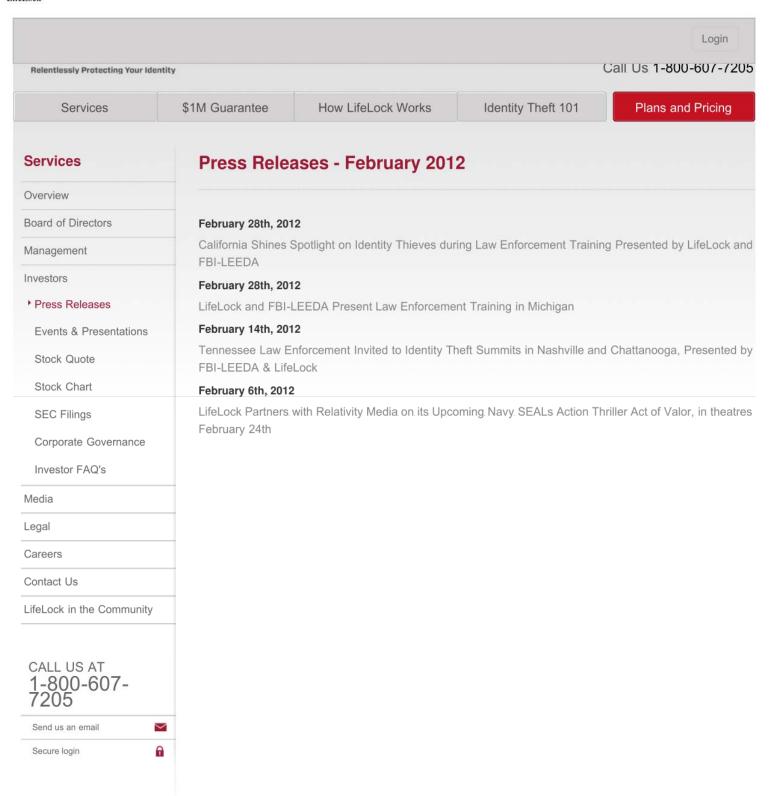


















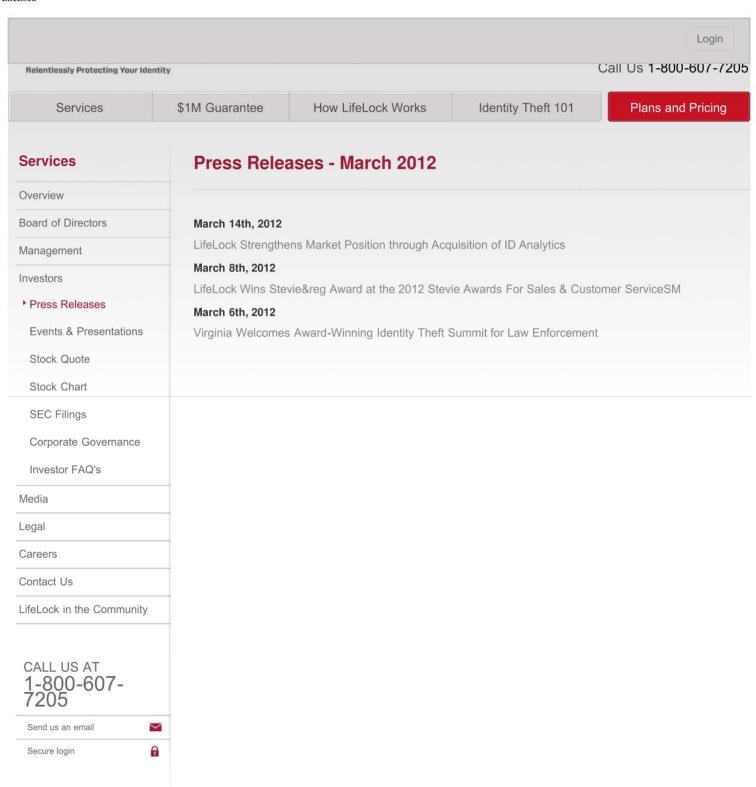
















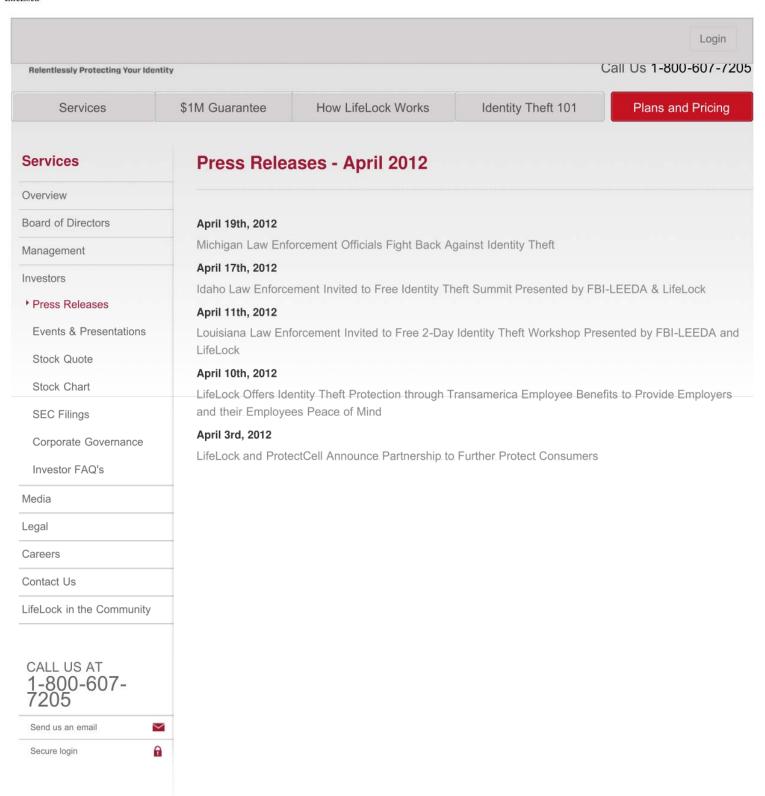
















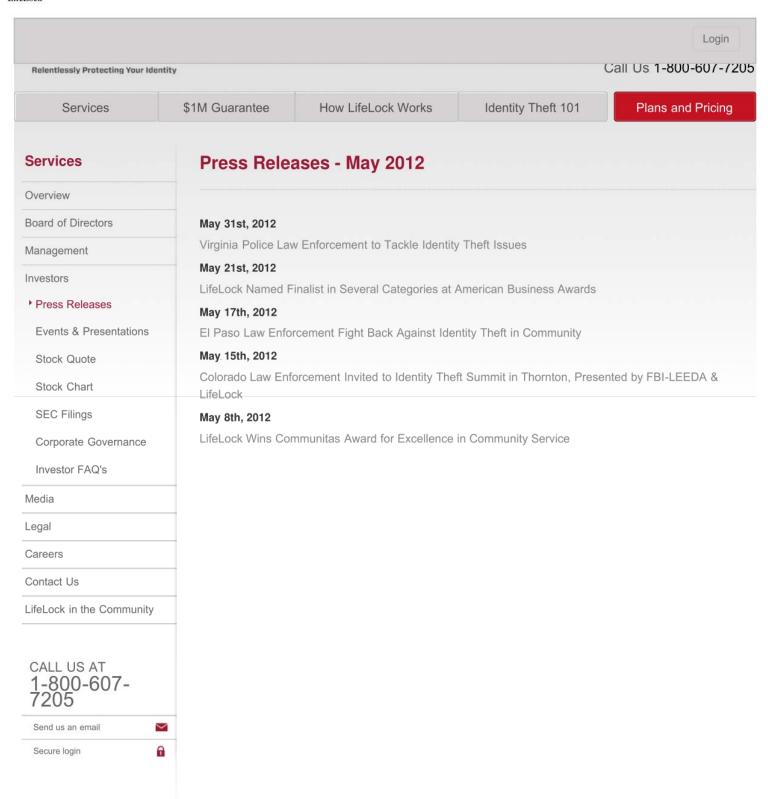


















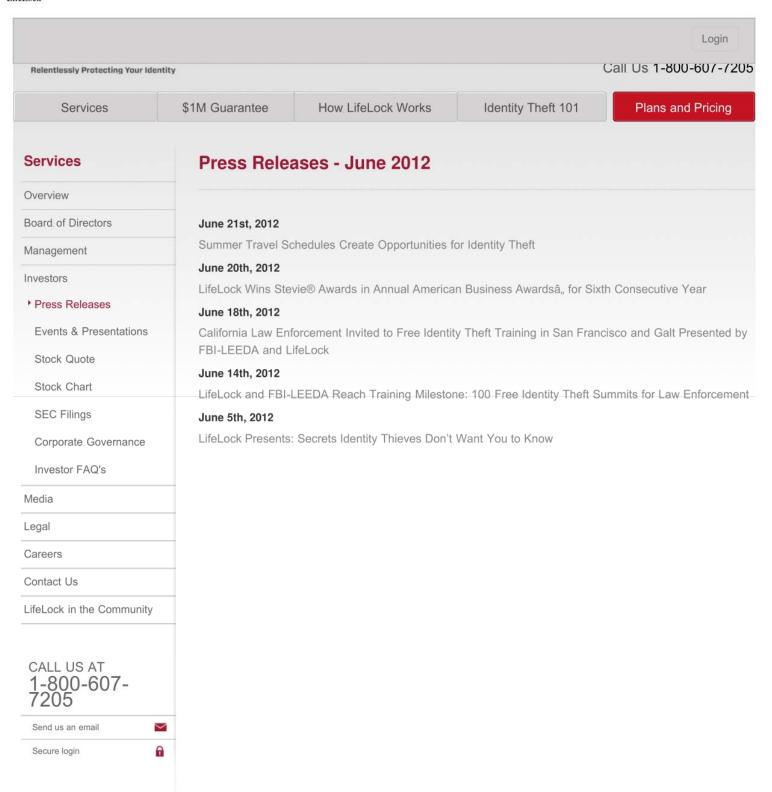


















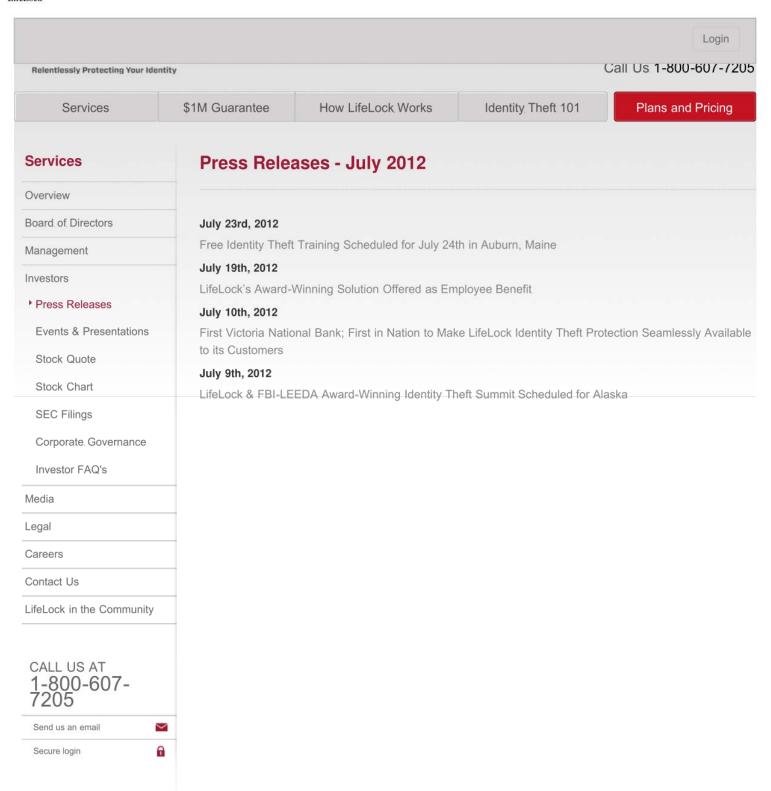
















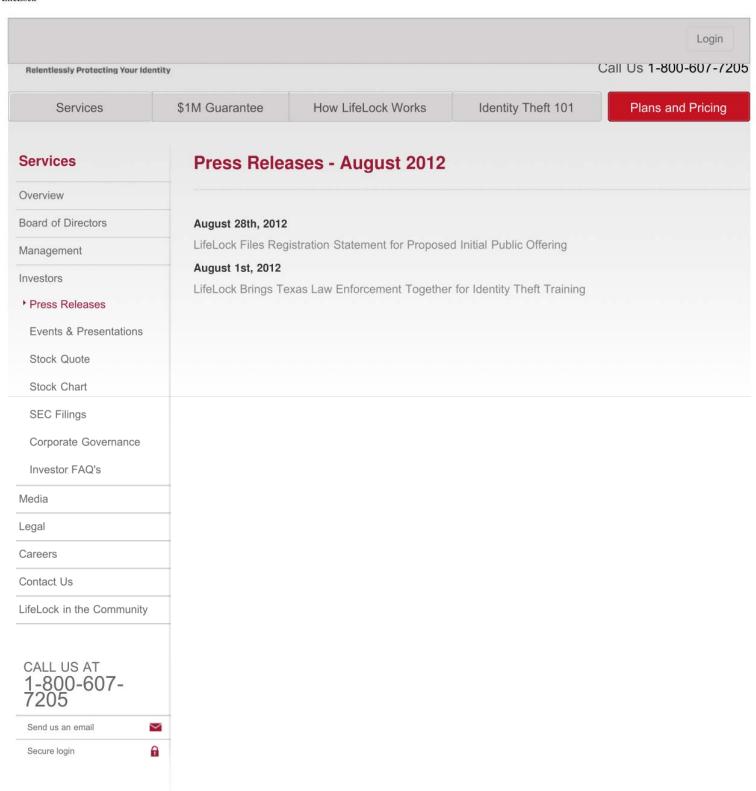
















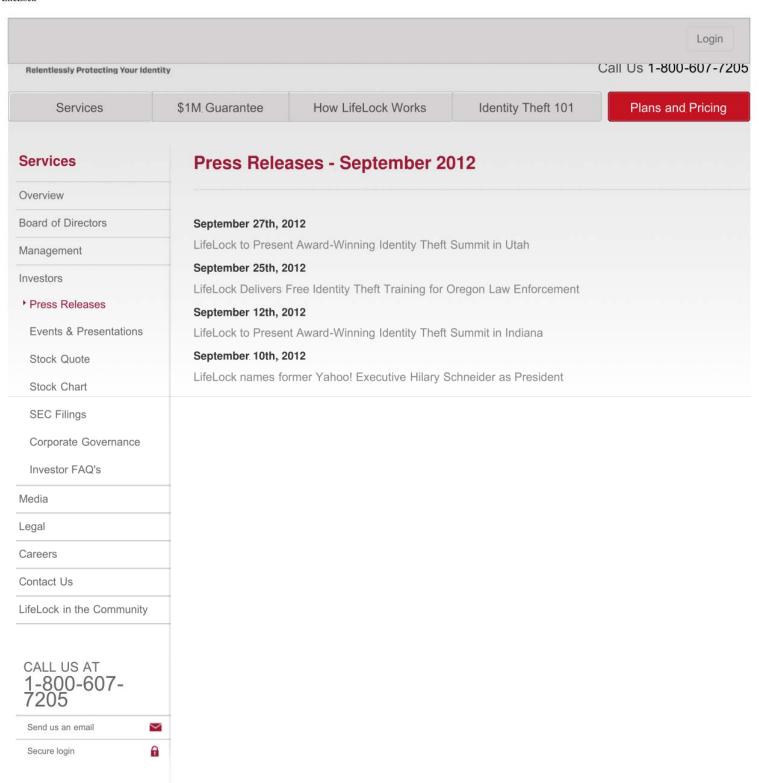


















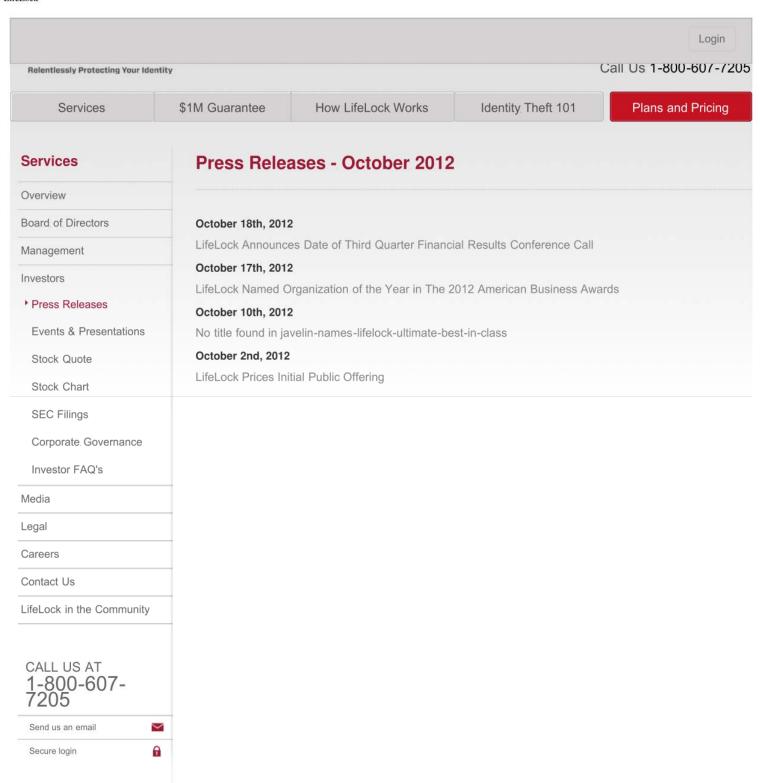


















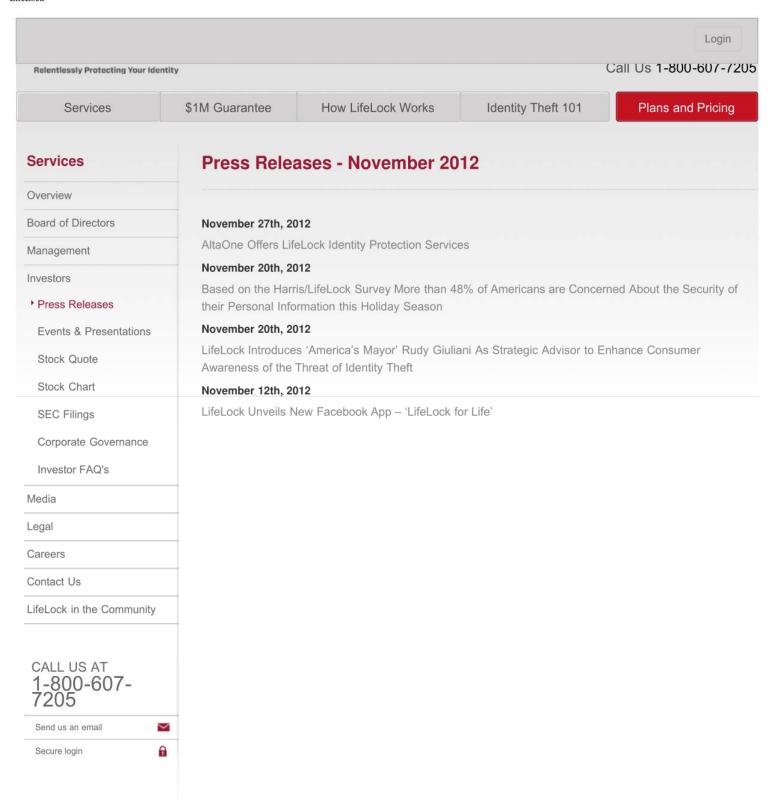


















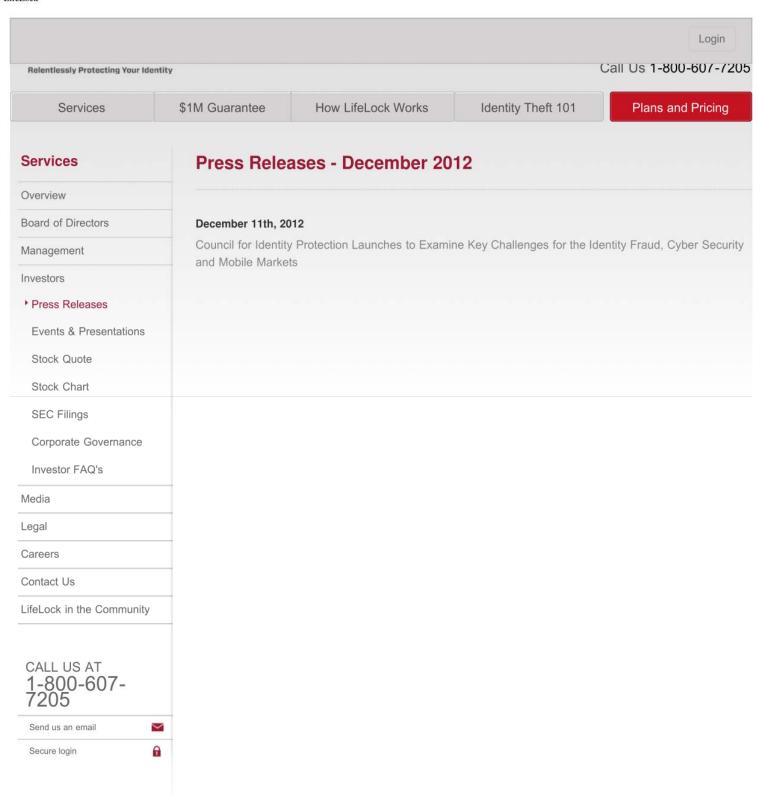
















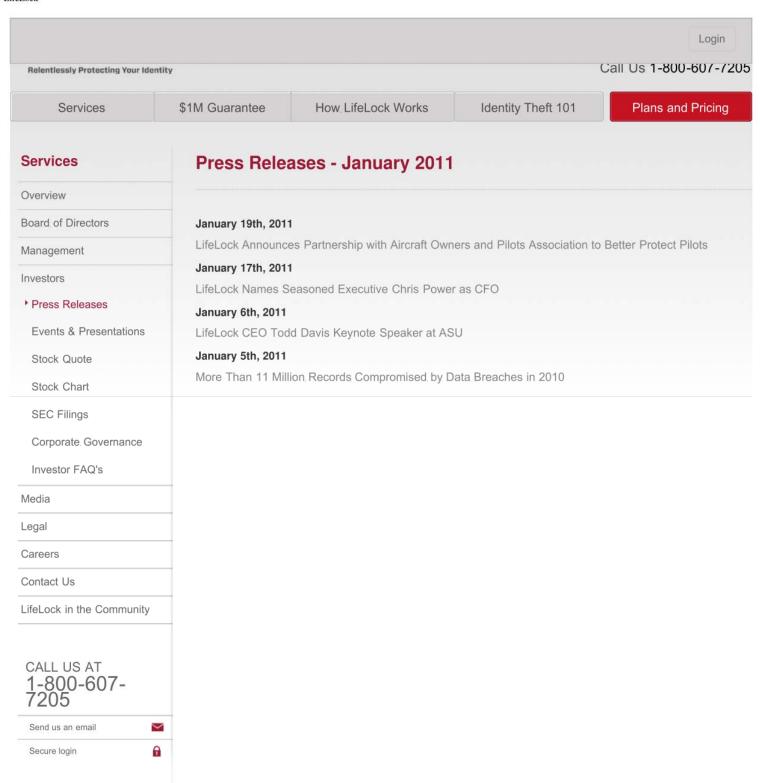


















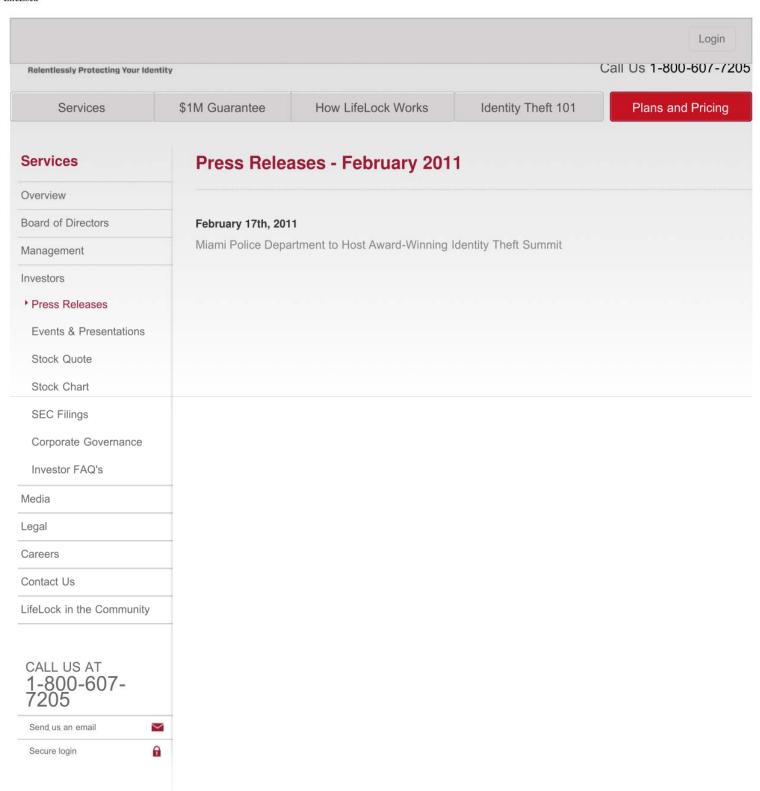
















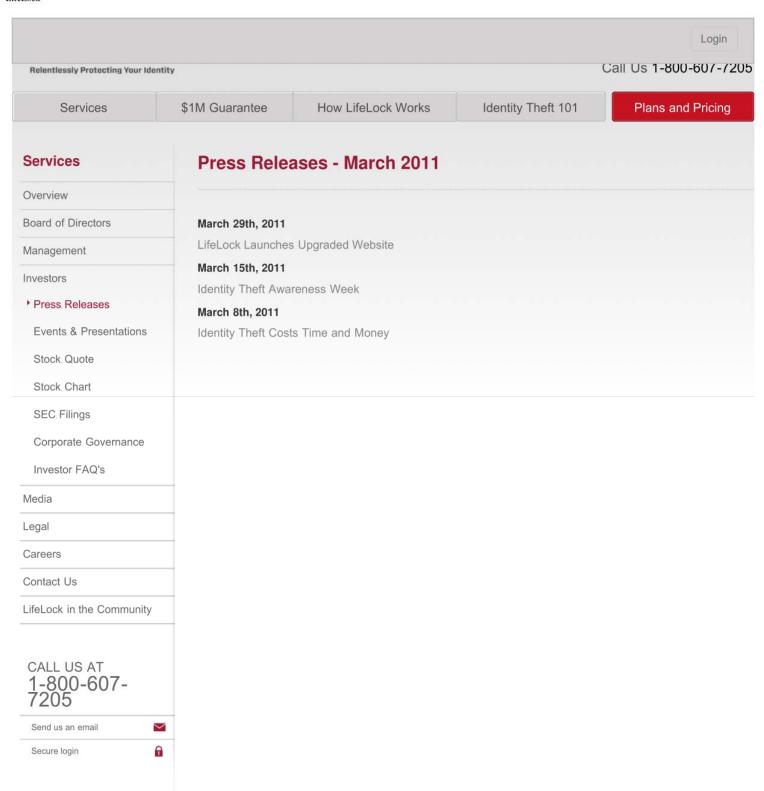


















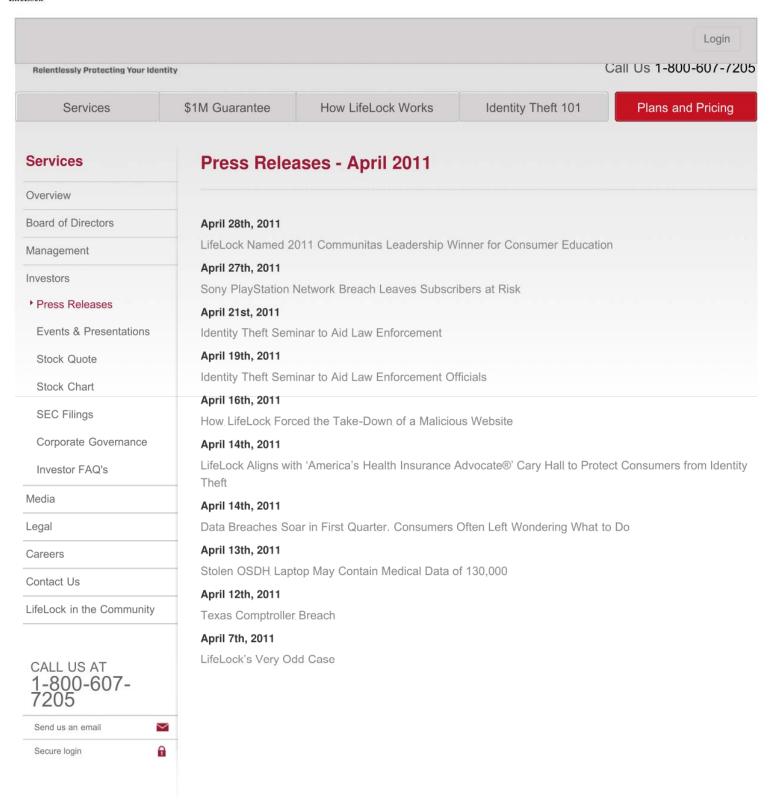


















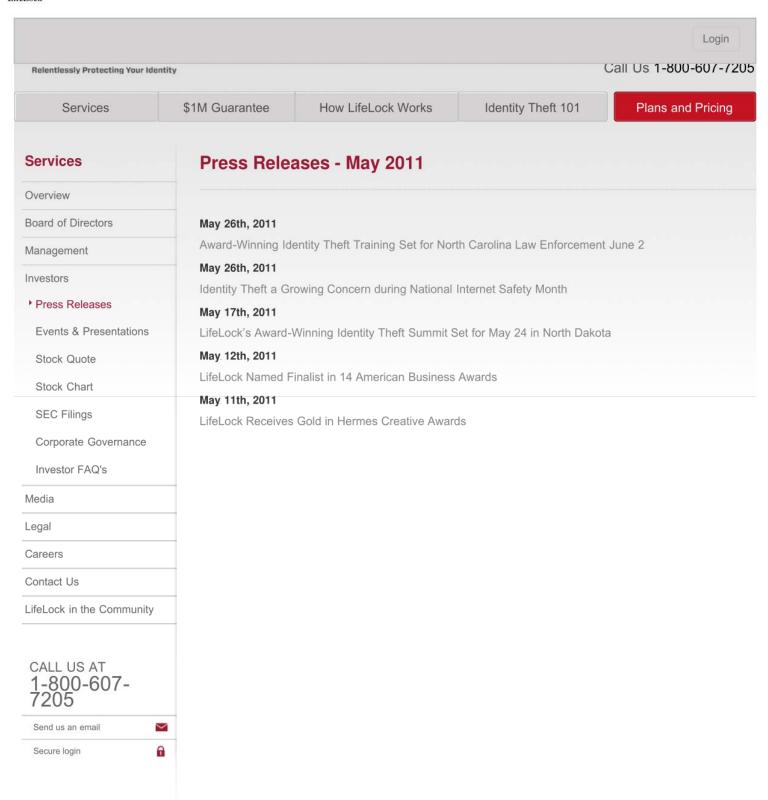


















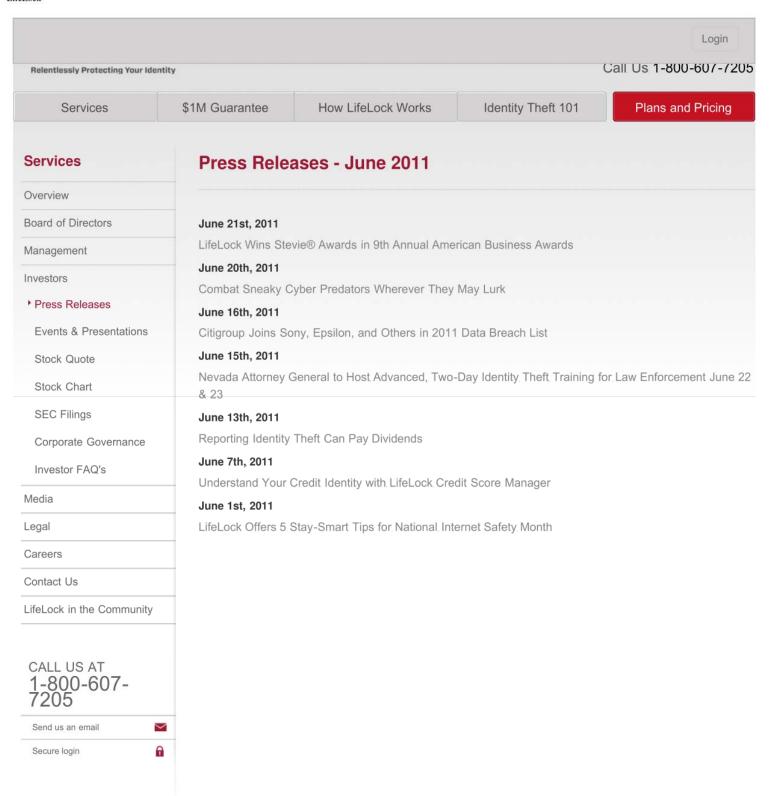


















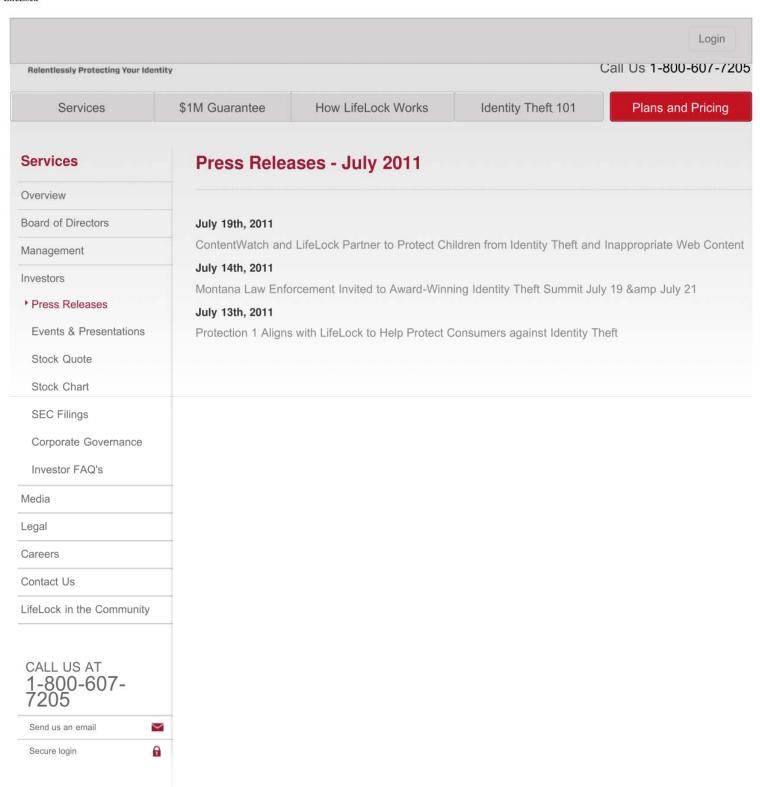


















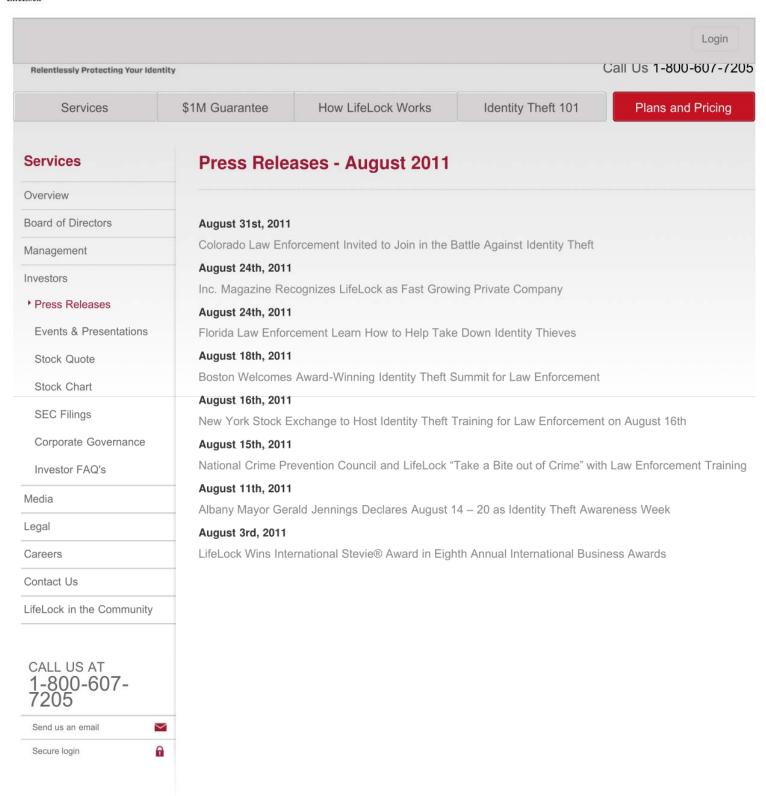


















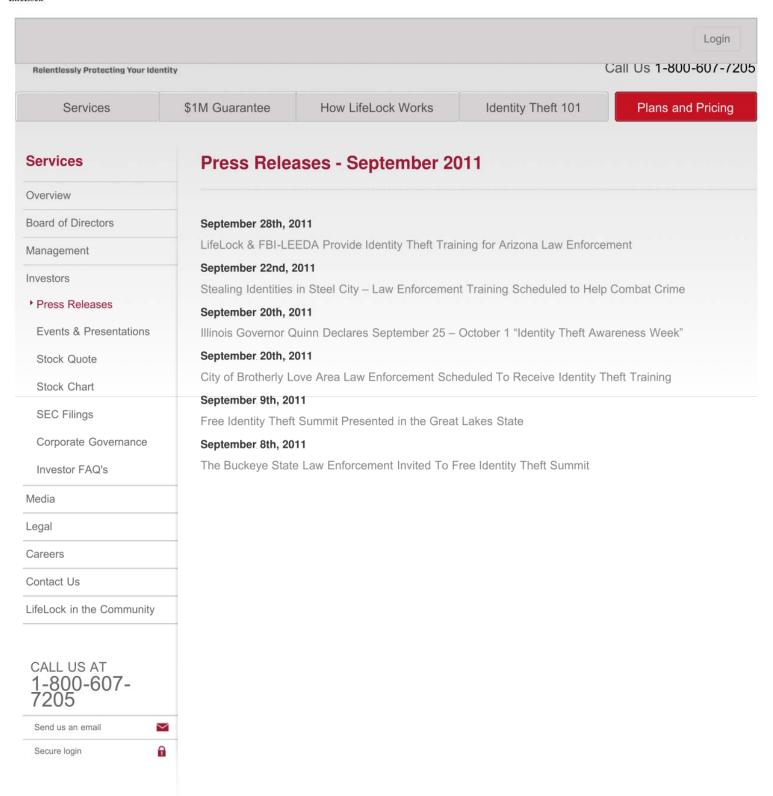


















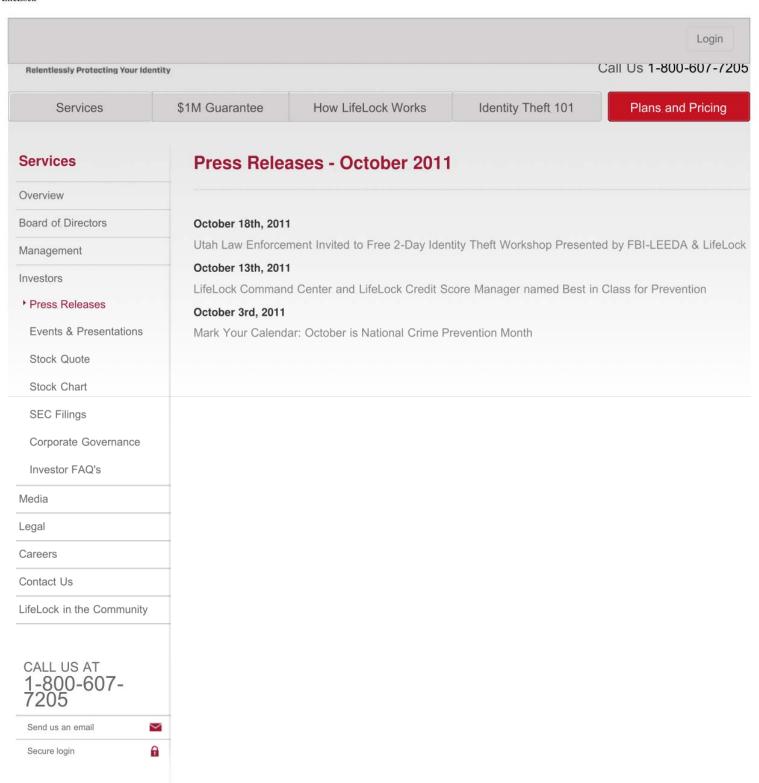


















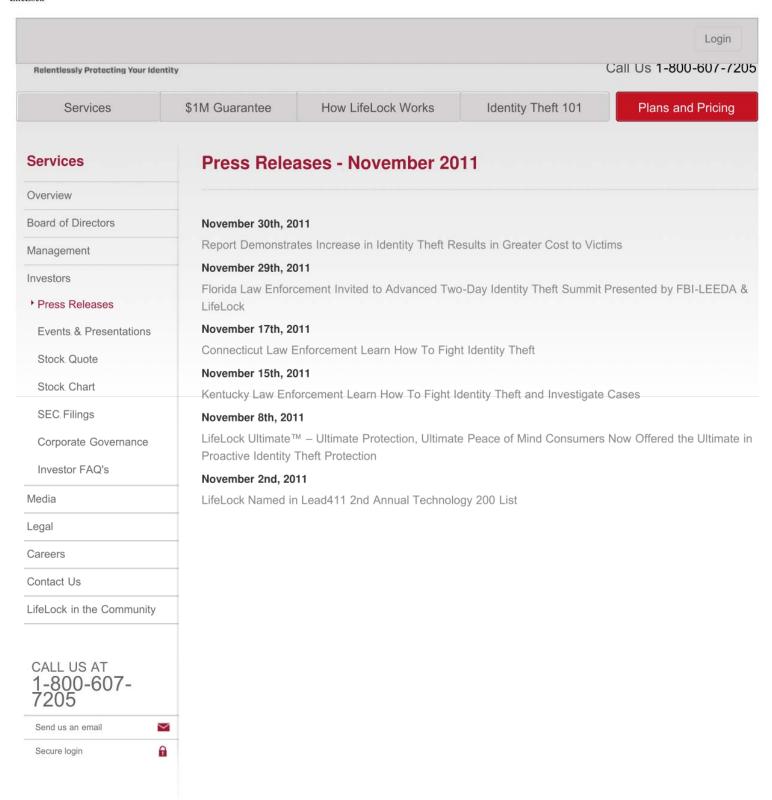


















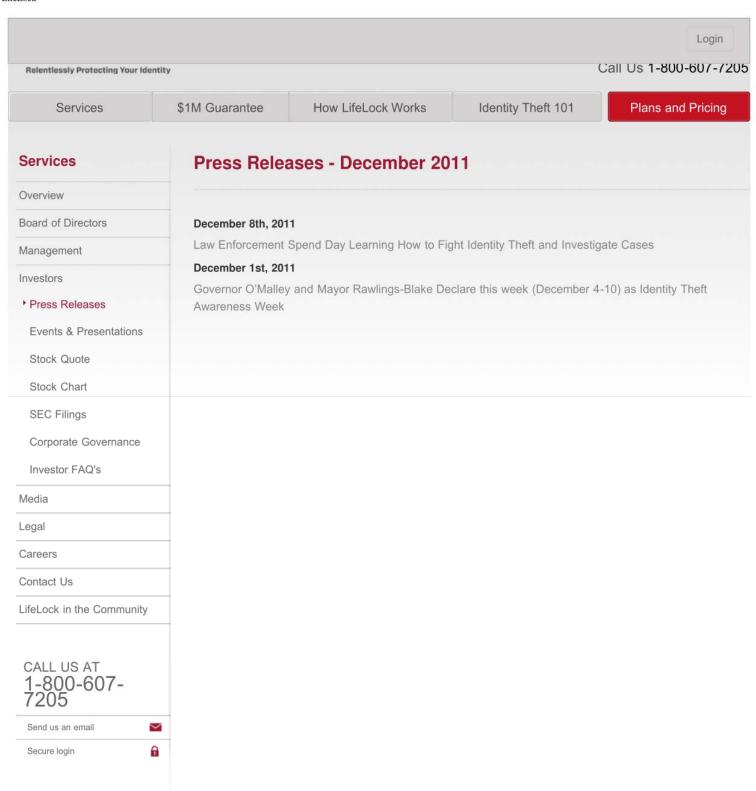
















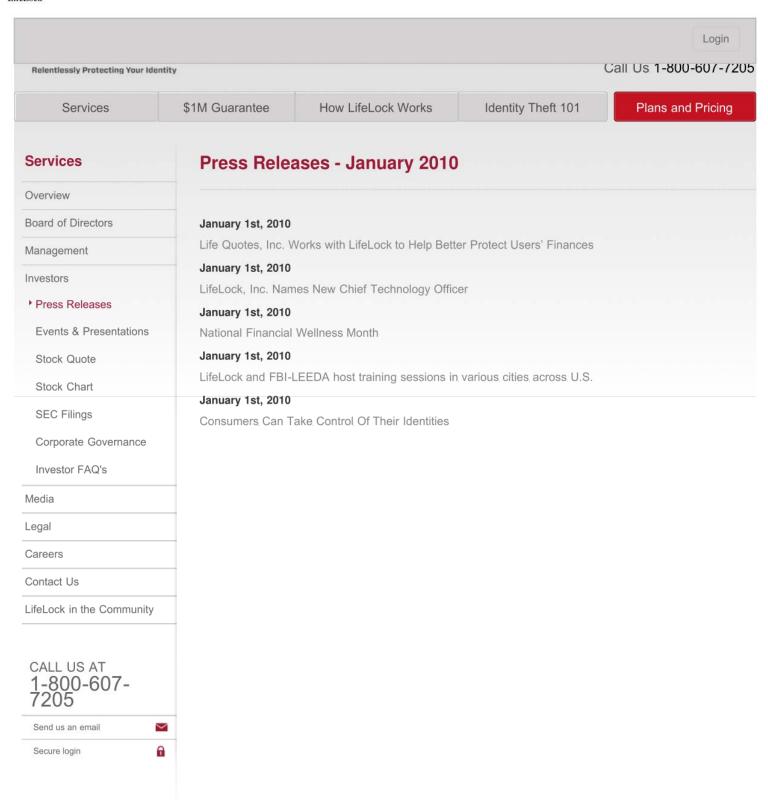


















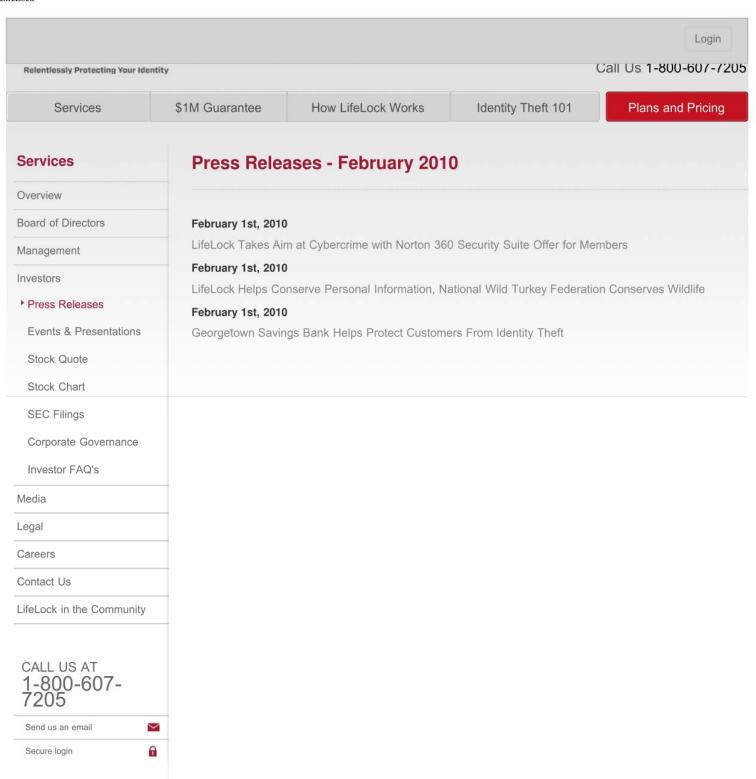
















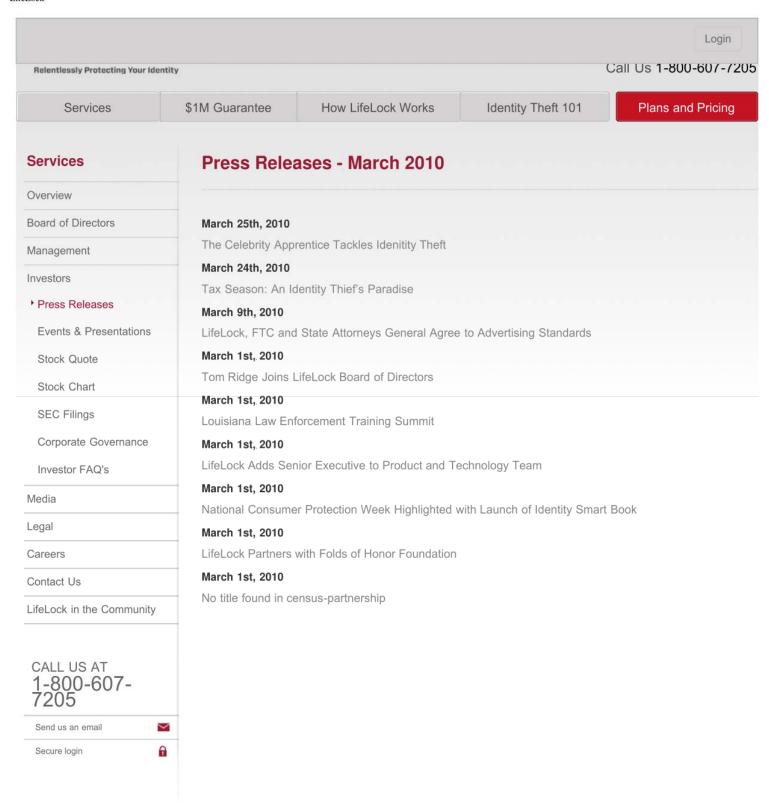


















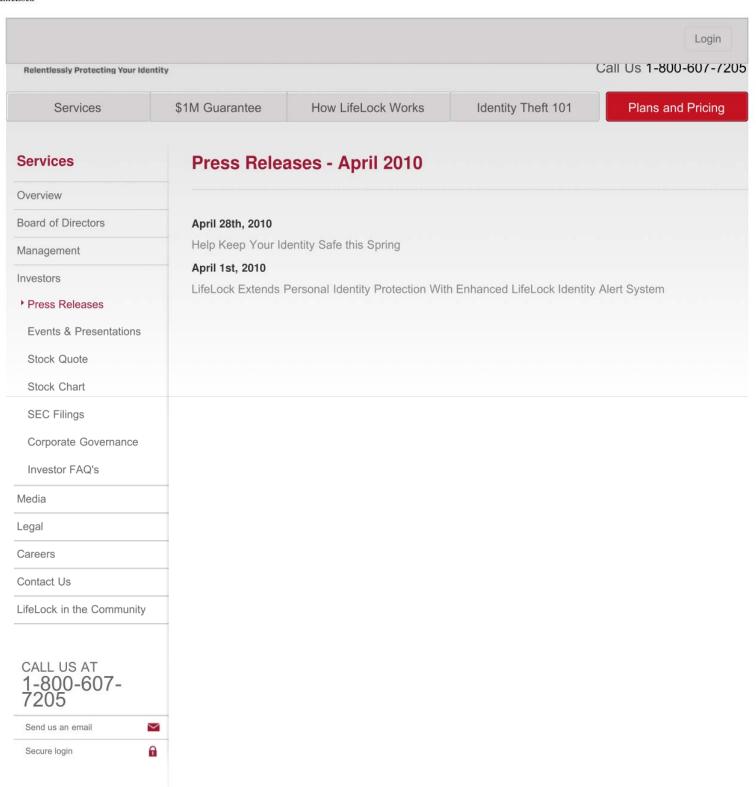
















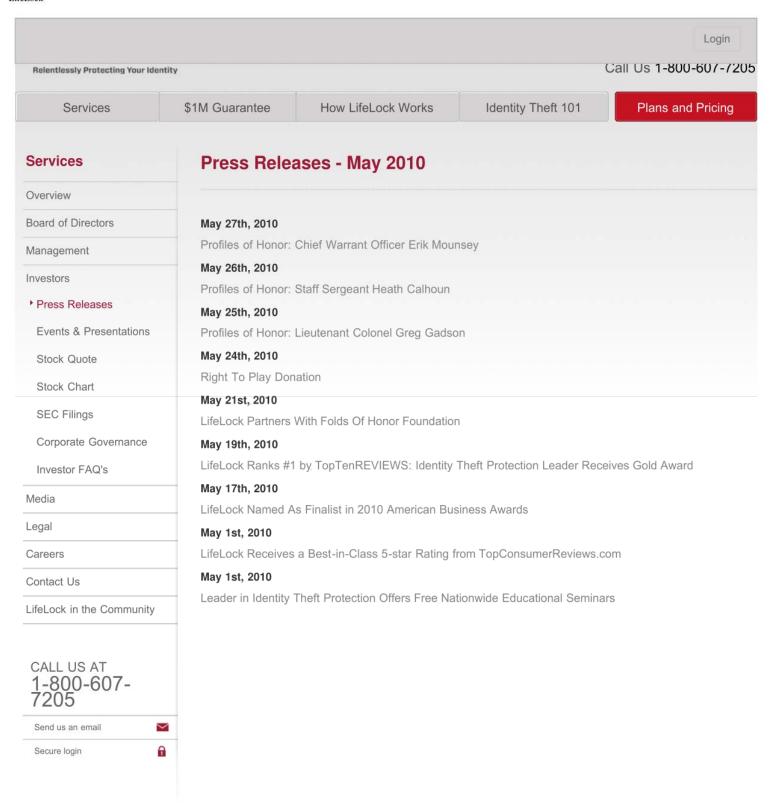
















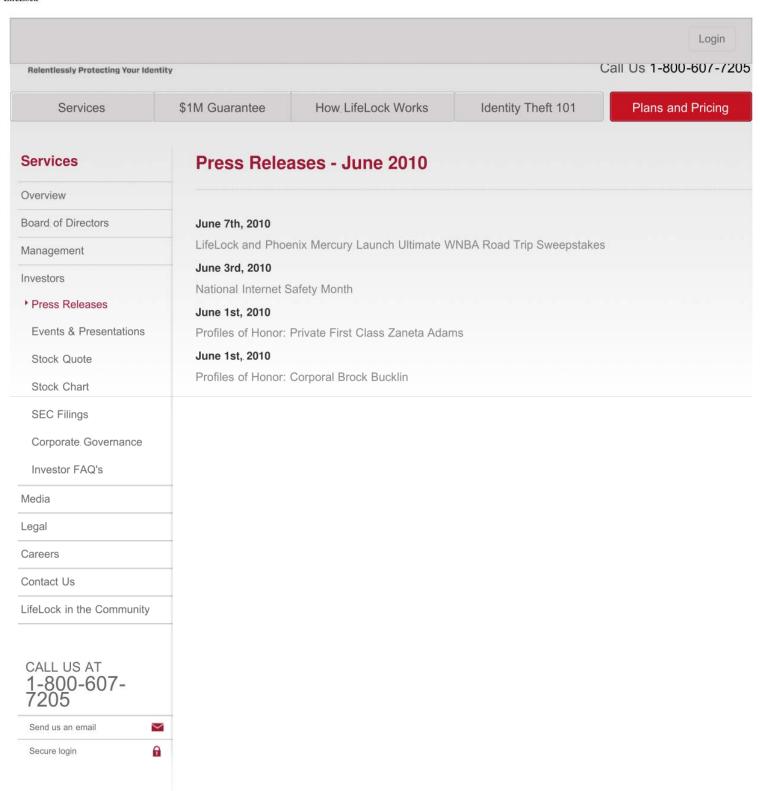


















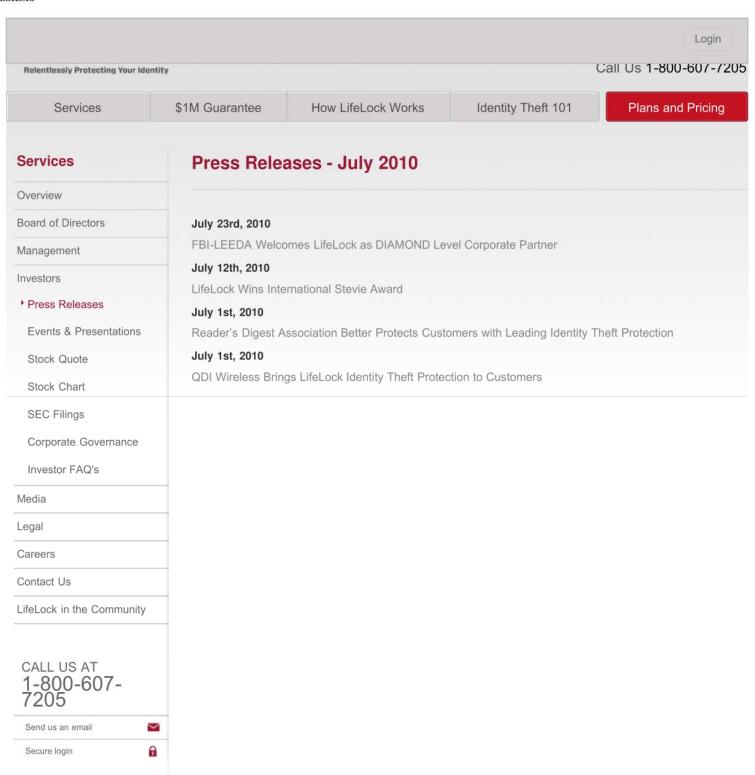
















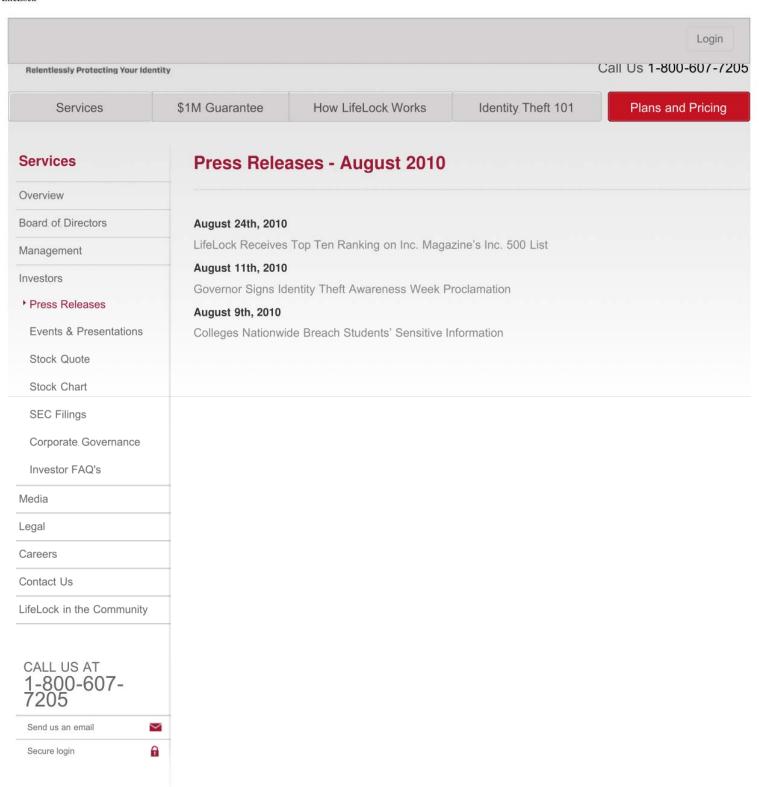
















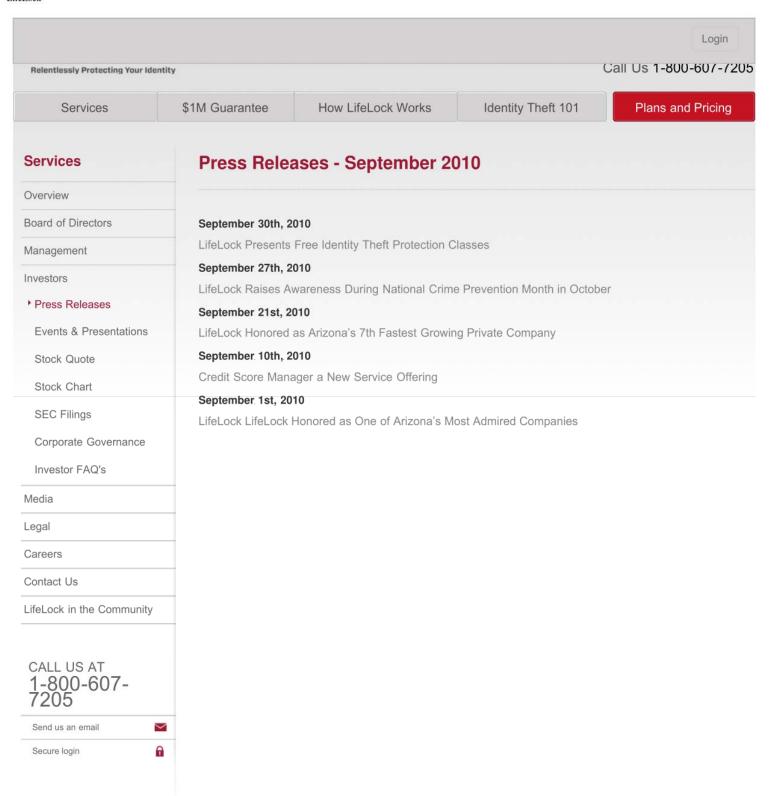


















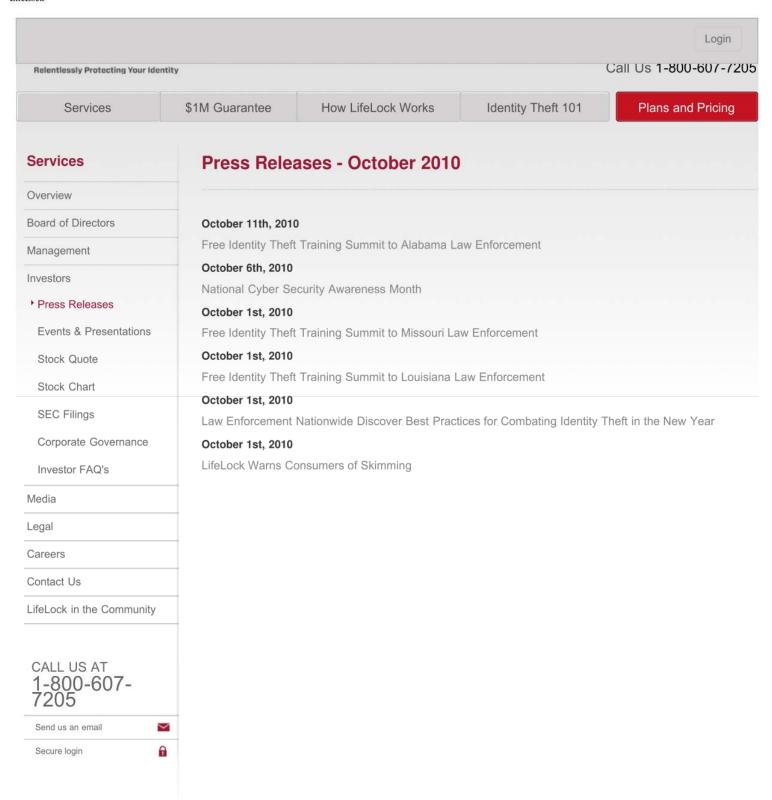


















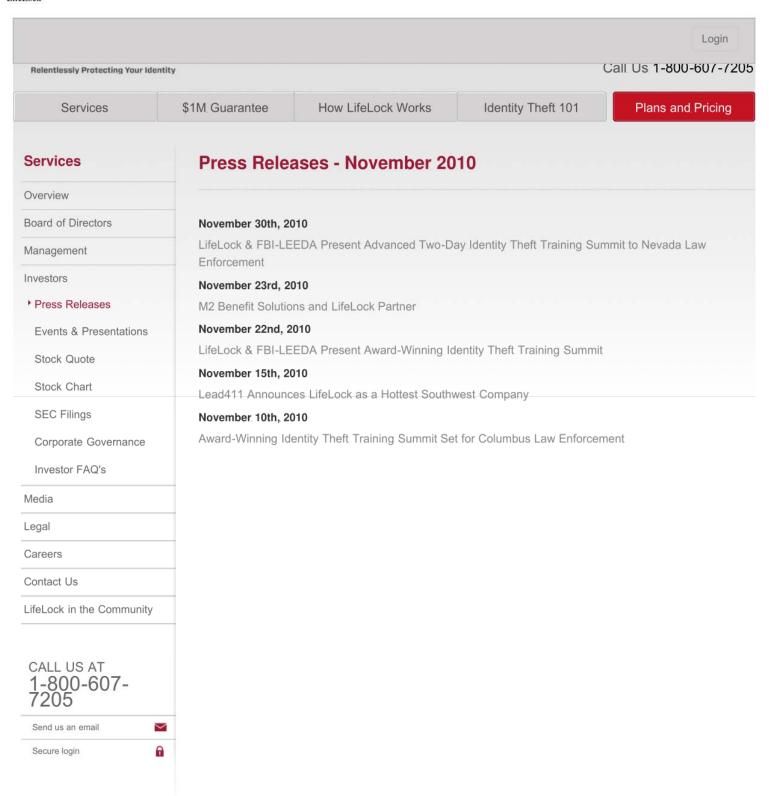


















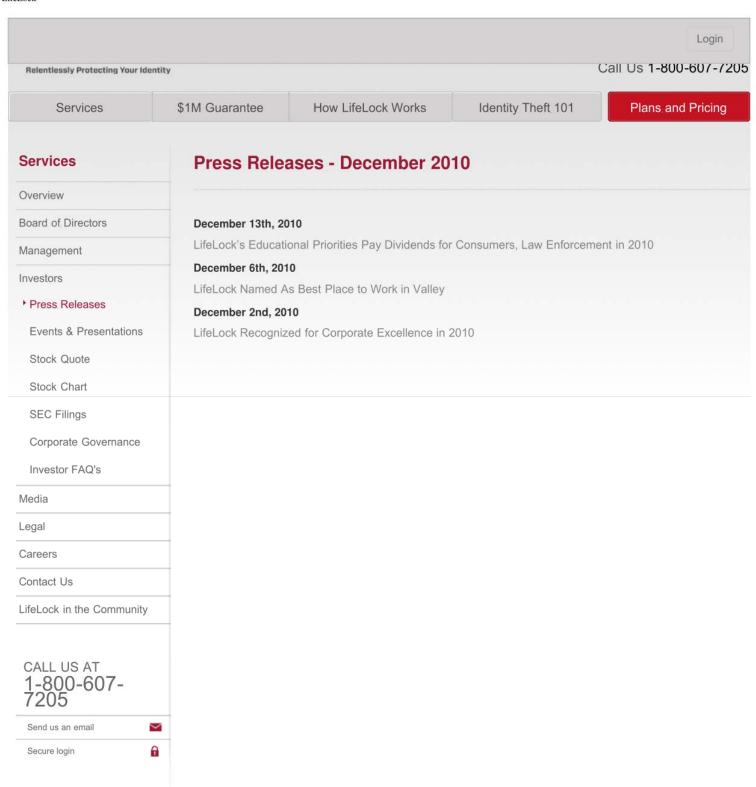


















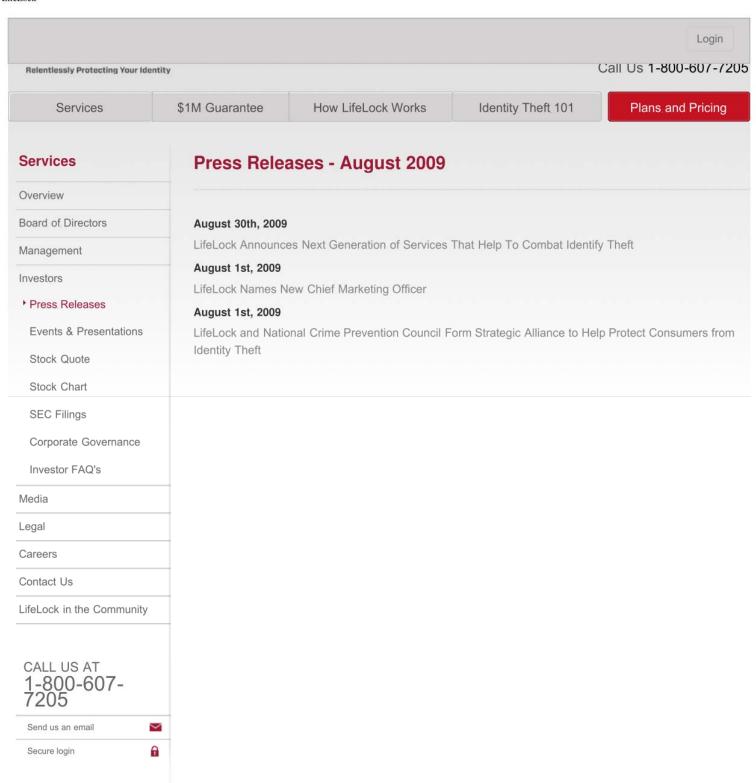


















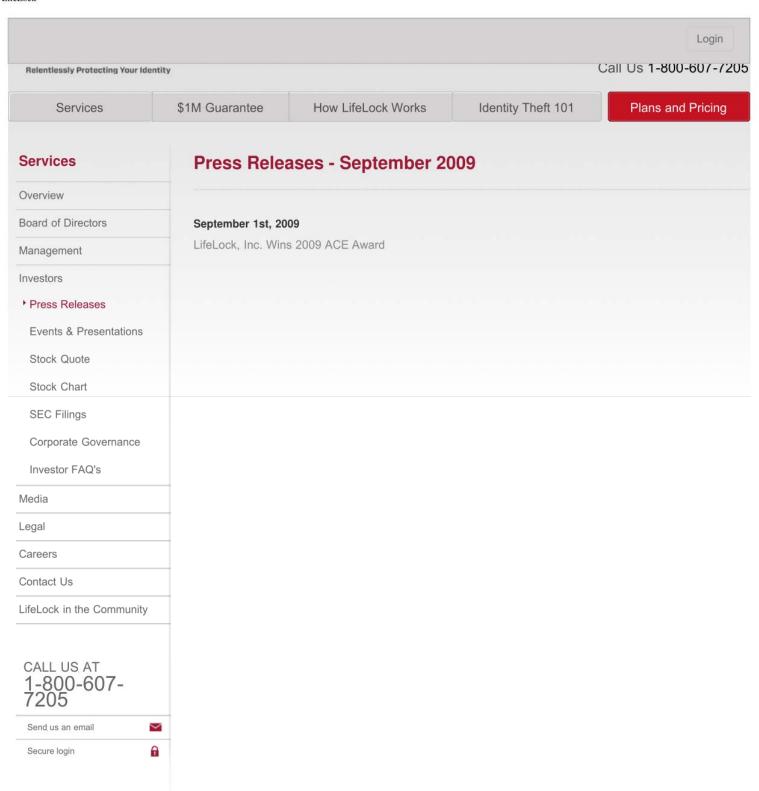
















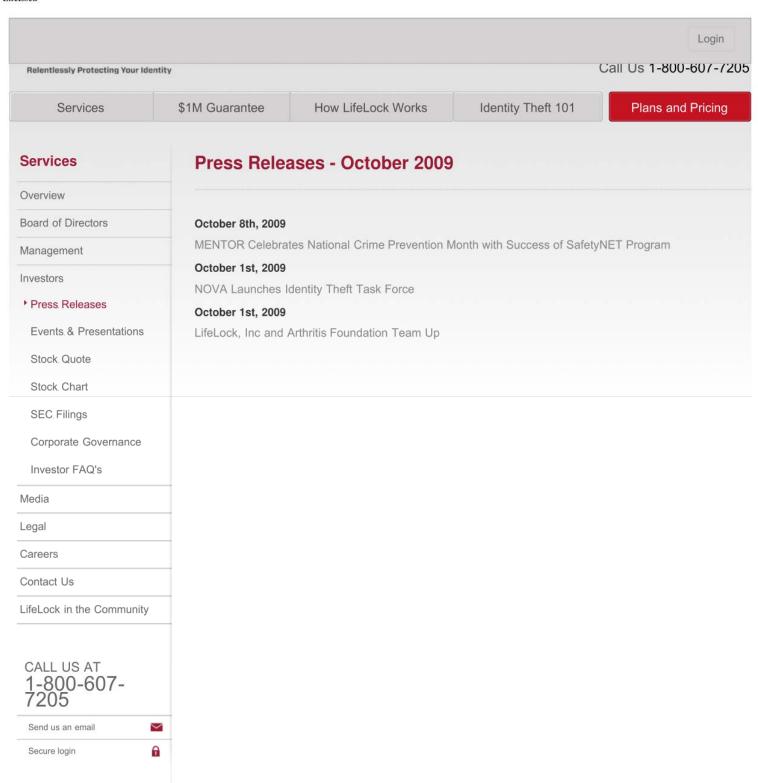












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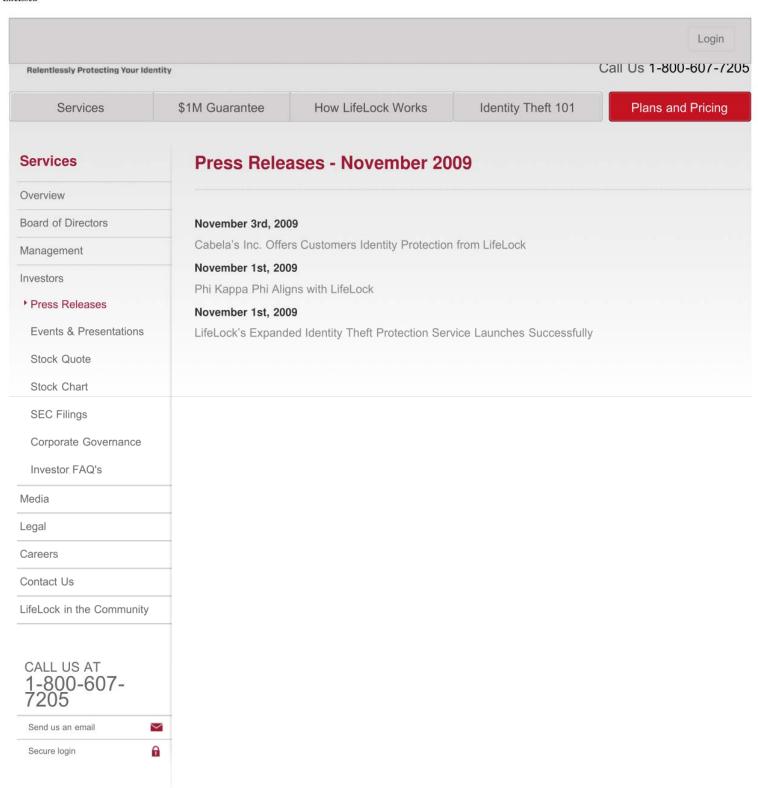












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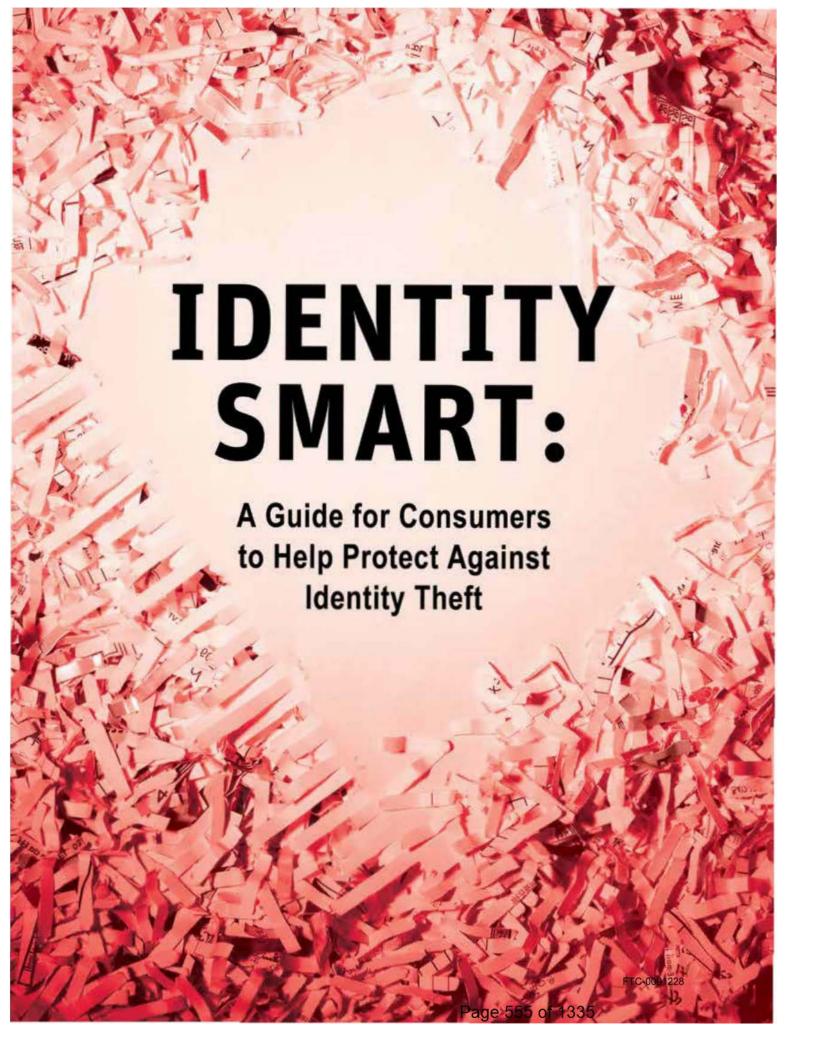












#### **IDENTITY ALERT:**

## The Fight to Defend Your Identity and Personal Information

A frightening crime with an untraceable weapon, identity theft is creating anxiety across the country. In fact, 1 incident every 3 seconds of identity fraud is occurring in households throughout America<sup>1</sup>. This horrible and personal crime can cause Americans to live their lives in fear—opening each monthly bank statement with bated breath.

With the anonymity of computer keyboards and high level technologies, imposters, and hackers can commit identity—related crimes on any unsuspecting victim, from anywhere in the world. With the nine simple digits of a Social Security number, or an electronic scan of your debit card, an identity thief can wreak havoc on your personal, legal or financial life for months or years—and sometimes with no detection at all.

It falls to you to raise your level of identity theft awareness—and to help defend yourself against a crime that can drain your time, your resources, and your good name.

<sup>1</sup> www.identitytheftassistance.org "Research and Statistics" Identity Theft Assistance Center, 2012.



#### WHAT IS IDENTITY THEFT?

#### According to the U.S. Department of Justice<sup>2</sup>:

"Identity theft is a crime. Identity theft and identity fraud are terms used to refer to all types of crime in which someone wrongfully obtains and uses another person's personal data in some way that involves fraud or deception, typically for economic gain."

In short, identity theft can be defined as the fraudulent use of personal information to commit crimes. These crimes can often end in tax fraud and credit fraud, but are also perpetrated for insurance, medical or legal purposes.

TC-0001229

<sup>&</sup>lt;sup>2</sup> www.Justice.gov "What Are Identity Theft and Identity Fraud?"

# IDENTITY THEFT: THE NUMBERS

# How the Facts and Figures Affect Your Day-To-Day Life

The prospect of a faceless online hacker stealing your personal identity information may not resonate with you at first—at least not until you get a frightening look at the numbers that tell the true story of identity theft.

Identity Theft was the number one complaint category for the past 13 years.<sup>3</sup>

The facts and figures compiled below shed some light on the growing problem:

- There were 12.6 million adult victims of identity theft in 2012<sup>4</sup>
- · 1 in 20 consumers were victims of identity theft in 20124
- The total loss in new account fraud, where a criminal uses a victim's personal information to open a new credit card or loan, reported just under \$10 billion in 2012.<sup>4</sup>
- Credit card fraud accounts for two-thirds of all ID theft<sup>5</sup>
- 1 in 4 data breach letter recipients became a victim of identity fraud, with breaches involving Social Security numbers to be the most damaging.<sup>5</sup>
- Government documents/benefits fraud (46%) was the most common form of reported identity theft, followed by credit card fraud (13%), phone or utilities fraud (10%), and bank fraud (6%). Other significant categories of identity theft reported by victims were employment-related fraud (5%) and loan fraud (2%).<sup>3</sup>
- Consumers reported paying over \$1.4 billion in one million fraud-related cases. The median amount was \$535. Of these fraud related cases 38% were contacted through email, 34% by telephone, and 9% through mail.<sup>3</sup>
- <sup>3</sup> FTC. "Consumer Sentinel Network Data." January-December 2012.
- 4 Sullivan, B. (2012). ID Theft on the rise again: 12.6 million victims in 2012, study shows. NBC News
- 5 www.identitytheftassistance.org "Research and Statistics" Identity Theft Assistance Center, 2012

FTC-0001230

#### TO CATCH A THIEF

# What You're Leaving Behind, and How Identity Thieves are Following the Trail

At work, on the town or sitting at home, you may be most vulnerable to identity theft when you least expect it. The following are some of the ways that identity thieves commit their crimes:













#### Phishing:

When fake emails are so well produced, they can be almost impossible to discern from legitimate ones. If you get tricked into clicking a link or submitting information through a fake email, you can find yourself on a long road to losing your passwords, your accounts and your data.

#### **Online Shopping:**

Consumers beware: shopping online has become a phenomenon around the world, and it's become one of the easiest ways to have your information stolen. Whether you're shopping at duplicate retail sites or through unsecured payment systems, your credit/debit cards could be at risk.

#### **Data Breaches:**

If you store personal information with any financial or business organization—even a huge insurance or medical corporation—your files could be compromised in a large-scale data breach.

#### Malware and Viruses:

With thousands of new viruses emerging daily, your computer and your information can be hacked through any website, Internet program or file sharing application.

#### **Keystroke Logging:**

On public computers, gas station pump displays and ATM keypads, criminals and hackers can install technologies to trace the buttons you press as you enter your card numbers, passwords and PINs.

#### P2P File-Sharing:

File sharing sites like Bearshare and Frostwire connect millions of users across the world — and they also connect unsuspecting music fans with viruses and open connections to unsecured networks.

#### Vishing:

Just as you can be tricked into divulging personal or protected information through a text message or website, you should also be wary of giving away information over the phone or through voice messages.

#### **Shoulder Surfing:**

Technology can make stealing identities easier than ever before, but old-fashioned ways are still just as effective at manipulating unsuspecting victims. Through shoulder surfing, any identity imposter can stand behind you with a camera—or even their own eyes—and watch as you enter passwords, personal identification numbers or private information.

#### **Dumpster Diving:**

Though not the most glamorous of identity stealing techniques, many criminals and fraud-minded imposters have taken to sorting through garbage to find old bills, recent receipts and other discarded personal information that can be easily stolen.

#### **Change of Address:**

This is a classic identity theft technique—thieves change the address where you receive mail and divert your personal information into the wrong hands.

#### **Mail Theft:**

Less creative than the change of address method, identity thieves will often simply search for unlocked or unwatched mailboxes, and rip the mail directly from the box itself—often in search of what can be found on credit card statements and tax forms or financial and personal information.

#### **Stolen Wallet:**

While some thieves might be after your wallet or purse for the money inside, many others will be more interested in the credit cards, Social Security card and other personal identification that you keep inside.

#### **ATM Overlays:**

Hidden from the untrained eye, thieves install these devices at ATM machines and gas pumps to steal your account information when you insert your card, and transmit it to a nearby computer.















#### THE OTHER SIDE OF IDENTITY THEFT

# Out For More Than Just Money, Identity Thieves Can Take Advantage of Your Medical or Criminal History

When identity imposters decide to go after your PINs, passwords and personal information, they are not always simply trying to drain your bank accounts. They may be looking for something much more specific, and for something that can sacrifice your good name and your future plans.

#### **Medical Identity Theft**

You may not notice that your medical identity has been stolen until it comes time for you to receive medical treatment or make a claim on your health insurance. With this kind of theft, imposters will use your name or insurance information to get medical coverage that they may not be able to afford.

#### **Criminal Record Identity Theft**

One of the scariest forms of identity theft is when criminals go after your government records. Thieves could use your information to apply for a job, avoid paying a traffic ticket or dodge arrest.

#### **Social Security Identity Theft**

When your Social Security number is stolen by an identity thief, they can use the information to create new Social Security cards, access a number of public records or steal your name and personal information completely—assuming your identity.

#### **Tax-Related Identity Theft**

Using a stolen Social Security number, identity thieves can file fraudulent tax returns and receive refunds before you even file.



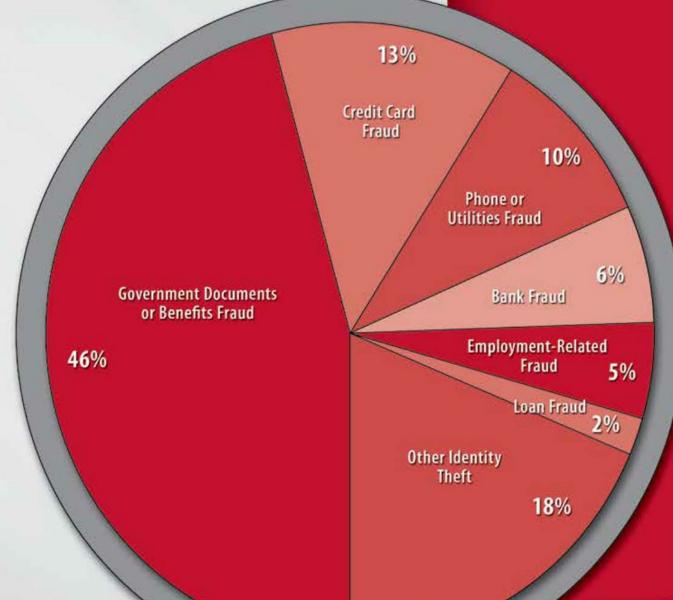
# CRIME SCENE

FTC-0001233

#### **HOW IDENTITY THIEVES ARE STEALING YOUR IDENTITY**

Based on FTC Complaints in 2012<sup>3</sup>, These **Are The Most Common Ways Thieves** 





# NOT CROSS

<sup>3</sup> FTC. "Consumer Sentinel Network Data." January-December 2012

FTC-0001234

#### **HELP STOP IDENTITY THEFT BEFORE IT HAPPENS**

# Follow These Precautions and Protection Tips To Set Up a Line of Defense Against Imposters

#### In the Mail

- · Avoid placing outgoing mail into unlocked curbside mailboxes.
- Add a slot or a lock to your mailbox at home to prevent access to your private mail.
- · Do not write account numbers or personal information on the outside of your envelopes.
- Have the post office hold your mail if you will be leaving town for more than a day or two.

#### **Shopping Online**

- Make sure you are doing business or shopping on a secure site before you provide any information. Make sure the site features a lock in the search bar and uses an "https" address.
- Check your billing statements for the company you purchased from to verify the correct amount and the correct purchase information.
- · Avoid shopping from public Wi-Fi hotspots.
- Strengthen your shopping website passwords before making any purchases, and be sure to share only the necessary information when creating a login account or page.

#### **Credit and Debit Cards**

- When possible, use credit cards instead of debit cards.
   If your information is stolen from a debit card, an imposter can drain the cash from a checking or savings account—instead of running up your bill on a credit card.
- Make sure that cashiers swipe your credit or debit cards in front of you, and are not swiping them multiple times or through separate machines.
- Check your entire statement every time you receive it in the mail for your debit card or credit card, and be sure to account for every purchase or withdrawal. If banking online, check your statements as often as possible.
- Cancel your card immediately if you notice any suspicious charges or activity.
- Do not carry more debit or credit cards than are absolutely necessary.



#### At the Bank

- Use traveler's checks when possible, which are more difficult to duplicate than personal checks.
- · Investigate if you are receiving late statements or late correspondences from your bank.
- Avoid giving personal information over the phone to anyone who claims they are working for a bank or credit card company (unless you previously initiated the contact).
- Use direct deposit when possible to avoid having a check that can be stolen from a payroll department
  or from the mail.

#### In Your Wallet/At Your Home

- Invest in a cross-cut shredder for all of your personal, financial or legal records, documents or correspondences. Throwing them away before shredding can leave them prone to dumpster diving imposters.
- Do not carry your Social Security card in your wallet or your purse. Keep it in a safe place at home, and only bring it out when you need it.
- · Retrieve your mail promptly, and be sure to investigate if your mail is irregularly late or misses a day.
- Keep your wallet and purse secured when you are out in public, and avoid carrying more identifying personal information than is necessary.

#### The Last Line of Defense

- Use safe Internet passwords with a combination of letters and numbers. Do not make the passwords too
  obvious, use them for too many accounts, or keep them written in plain sight.
- Do not give your credit card information over the phone, unless you made first contact with the company.
- Be suspicious of any unexpected emails asking for personal information.
- Destroy the hard drive of your computer if you are selling it or discarding it. Beyond just erasing the hard drive, it should be physically destroyed.
- Safeguard your personal information at all costs, and educate yourself as much as possible about the many scams, imposters, hacks and schemes that are used to procure personal information.



FTC-0001236

#### **HOW TO PICK UP THE PIECES AFTER IDENTITY THEFT**

#### If You're the Victim of an Identity-Related Crime, Here's How You Can Begin to Repair the Damage

#### Step 1: Contact the Police

Instead of sitting stunned or helpless after an identity crime is discovered, you should take action right away. Start by contacting your local police or sheriff's department. Prepare and provide as much information as possible about what may have led to the identity theft.

Once your report is filed, you should be sure to do the following:

- Report the crime to your state law enforcement (to take advantage of recently toughened state laws regarding identity crimes)
- · Obtain a copy of the police report to pursue your case with creditors
- · Notify local authorities in the location where your identity was likely stolen

#### Step 2: Check Your Bank Statements and Balances

Your bank accounts should be the first place that you turn once a breach is detected.

Timing is important when it comes to protecting your savings, and taking the right steps can keep you from losing hundreds or thousands of dollars.

- · Close your account right away and place stop payments on any stolen checks.
- Ask the bank to activate its check verification service to prevent identity imposters from cashing checks on your account
- Contact the Shared Check Authorization Network (800-262-7771) to find out if fraudulent checks are being passed in your name
- Order a free copy of the ChexSystems report that lists checking accounts opened in your name.
   ChexSystems, Inc.: 1-800-428-9623 or www.consumerdebit.com
- Contact businesses that accepted bad checks and report that you are a victim of identity theft.

If you think the fraud may exist beyond your current account—and an identity thief may have opened a new account in your name—contact your bank's consumer reporting service to close the account before it is too late.

#### Step 3: Contact the Credit Reporting Agencies

Because many identity thieves are looking to take advantage of open lines of credit, the three major credit reporting agencies should play a large role in helping you recover from your stolen identity.

Consumers can receive a free credit report yearly by visiting <a href="https://www.annualcreditreport.com">www.annualcreditreport.com</a>. Monitoring your credit report will display all information about your credit, allow you to dispute any discrepancies, and give you notification if your credit is being used without your permission.

You should contact one of the reporting agencies as soon as possible to have your credit account flagged with a fraud alert. This agency is then required by law to contact the other two. To contact the three major agencies, use the following numbers:

Equifax: 800-525-6285 www.equifax.com
Experian: 888-397-3742 www.experian.com
TransUnion: 800-680-7289 www.transunion.com

Once you contact an agency:

- -You can place an alert on your accounts for seven years after any identity theft
- -You will receive two free credit reports within 12 months after your identity theft.
- -A security freeze: a freeze can be placed on your credit by visiting any of the above credit reporting agencies.

If you suspect you are a victim of identity theft, each credit reporting agency has the option to place a free 90 day fraud alert on your account. Communication will be received from each credit reporting agency if any activity occurs on your credit.

#### Step 4: Connect with Your Creditors

Your creditors can be hit by identity theft as hard as you are, and it will be up to you to notify them as soon as possible of any suspicious activity on your account. The quicker you act, the easier the resolution will be.

You should contact your creditor's fraud department the second you discover any unauthorized charges, and you will be able to limit the charges that you are responsible for paying.

### Step 5: Report the Details of Your Case to the Federal Trade Commission (FTC)

The national authority on identity theft and identity-related crimes, the FTC maintains an extensive database used to track, stop and catch identity thieves around the United States. You can contact the FTC through their toll-free hotline at 877-IDTHEFT www.ftc. gov.

# STAY SECURE WHEN REPORTING YOUR IDENTITY THEFT

- Report the theft as soon as possible to ensure that you and your personal information are protected.
- Keep a copy or record of any and all correspondence with the authorities, your financial institutions and any credit reporting agencies.
- Avoid using originals of any personal documents when possible; use notarized and certified copies instead.
- Follow-up with all requests and actions, and be persistent in clearing your name and securing your information.

#### **VICTIM ASSISTANCE**

Contact the National Organization for Victim Assistance if you are a victim of identity theft for additional assistance at www.trynova.org

FTC-0001238

### ①LifeLock

60 East Rio Salado Parkway Suite 400 Tempe, AZ 85281

1-800-543-3562 LifeLock.com

For more information and resources, please visit: www.LifeLock.com/ about/lifelock-in-the-community



# Identity Smart Educator Resource Guide: Overview and Outline

Complement to the LifeLock

Identity Smart: A Guide for Consumers

Against Identity Theft

Provided to you in partnership with





### **Partnerships**

**CyberWatch** is an Advanced Technological Education (ATE) Center, headquartered at Prince George's Community College and funded by a grant from the National Science Foundation (NSF). The CyberWatch mission is to increase the quantity and quality of the information assurance (that is, cybersecurity) workforce.

**The CyberWatch K12 Division** extends the CyberWatch Mission to the K12 Community. Its mission is to advance cybersecurity education by leading collaborative efforts to strengthen the national cybersecurity workforce.

**Educational Technology Policy, Research and Outreach (ETPRO)**, a research and development organization located in Maryland, connects educational technology policy and research to instructional practice. ETPRO brings more than two decades of experience in the educational community, and more than a decade of experience in evaluating both formal and informal educational programs at the K-16 level, and conducting educational technology policy analysis. ETPRO's expertise is founded on a combination of classroom practice across K-16 tied with a solid research base.

ETPRO originated from the Educational Technology Outreach division of the College of Education, at the University of Maryland, and in 2007 was founded as an entrepreneurial entity committed to quality education for all learners, targeting the effective use of cutting edge technology in formal and informal educational settings to increase interest in Science, Technology, Engineering and Mathematics (STEM) fields. The fundamental gap between technology use and understanding of proper practices, lead ETPRO to the forefront of research, program evaluation and development of Cyberethics, Cybersafety, and Cybersecurity (C3°) initiatives.

**C3 Conference** is a high quality professional development event for educators in Maryland and the mid-Atlantic region. The core mission of the C3<sup>®</sup> Conference is to inform the educational community about the ethical, legal, safety, and security implications of technology use and illustrate how educators and parents can apply these concepts to their own setting.

LifeLock, Inc. (NYSE:LOCK) is a leading provider of proactive identity theft protection services for consumers and identity risk assessment and fraud protection services for enterprises. Since 2005, LifeLock has been relentlessly protecting identities by providing consumers with the tools and confidence they need to help protect themselves from identity theft and manage their credit. In October 2012, Javelin Strategy & Research named LifeLock Ultimate™ a "Best in Class Overall" identity theft protection solution and also named it "Best in Detection." In March 2012, LifeLock further demonstrated its commitment to combating identity fraud with the purchase of ID Analytics, Inc., a leader in enterprise identity risk management that provides visibility into identity risk and credit worthiness. ID Analytics, Inc. currently operates as a wholly owned subsidiary of LifeLock, Inc.

#### **Overview**

Identity fraud is the fastest-growing category of Federal Trade Commission (FTC) complaints. In 2012, 12.6 million adult Americans fell victim to identity theft.

Children make prime targets for identity thieves specifically because they have no credit history and thus, clean credit reports. Also, because parents don't think to check their children's credit histories, the theft can continue unchecked for over a decade. Police agencies are reporting that children are now the fastest growing segment of identity theft victims. Identity thieves will use children's identities to take out loans and lines of credit they never intend to repay and to establish an identity so they can obtain things like jobs or a driver's license.

Federal Trade Commission. "Consumer Sentinel Network Data Book for January – December 2012." February 2013. Javelin Strategy & Research. "2013 Identity Fraud Report." February 2013

#### **Outline**

#### **SECTION ONE: SURVEYS AND MATERIALS**

- A. Identity Smart Educator Resource Guide: Surveys and Materials
  - a. Unit Overview:

This content is designed to provide educators with the means to explore with students the topic of identity theft and the cyberethics, safety and security strategies associated with it. Students and educators will begin to recognize and internalize the importance of assessing and identifying dangers of identity theft, practicing strategies to minimize the risk and formulating plans and next steps for minimizing the risk of loss in the event of an identity theft.

#### B. Objectives:

- a. Upon completion of these lessons and presentations, students will be able to:
  - Assess the dangers of identity theft and identity fraud.
  - Identify how identity thieves obtain personal information.
  - Explain what identity thieves can do with an individual's personal information.
  - Practice methods to minimize the risk of identity theft and identity fraud.
  - Recognize the warning signs of identity theft and identity fraud.

#### C. Materials:

a. Baseline and Post-Unit Surveys

To begin the content unit on identity theft, you may wish to administer to students the baseline survey. This survey will help you gauge your student's prior knowledge and experiences surrounding the topic of identity theft. A post-unit survey, similar to the baseline survey is also included, and can help you measure changes in student knowledge. Answers keys are provided.

#### D. Unit Materials

- a. Three baseline and post-unit surveys are included for three different grade bands:
  - Elementary/Early Middle School
  - Middle and High School
  - High School/PTA and Educator Audiences
- b. Ice Breaker Scenarios
- c. Two case studies, entitled Security in Cyber Space,
  - Recommended for use with middle/high school and adult level audiences.
  - The case studies provide an identity theft related vignette that introduces the unit content and helps the attendees to understand why this topic is important.
- d. Parent take home materials are included and can be used with all age groups.
- e. References are also included to help access other identity theft stories in the news.
- f. The PowerPoint and case studies can be used separate from or with any of the unit's other activities.

#### E. How to Begin:

- 1. View the materials and the Identity Smart Curriculum PowerPoint.
- After determining the audience level and format structure, decide on the activities you would like to include. For adults, the open discussion with the PowerPoint is usually enough.
- 3. The case scenario and PowerPoint is suggested for upper age students. The hands-on activities are suggested for younger audiences.
- 4. Baseline and follow up surveys are always recommended if time allows.

#### **SECTION TWO: GOALS, DEFINITIONS, GAMES**

A. Identity Smart Educator Resource Guide: Goals, Definitions, Games
This series of activities are designed to help reinforce the concepts discussed and provide a
multi-approach to presenting the concepts and information.

Grade: 6-12

Content Areas: Technology, Business Education, Language Arts, Library Media

Time: 90 minutes (can be broken into two 45 minute periods)

- B. Introductory Activity: Understanding Your Identity
  - a. The educator will call students by their wrong name to introduce the topic of identity. This will lead to a discussion which will define identity, identity theft, and identity fraud.
- C. Activity 1: Real People, Real Scenarios
  - a. The educator will introduce the terms and definitions to the students.
  - b. The students will play a game where they match the scenario to the term. By matching the identity theft terms, it will create an understanding of how their behavior can compromise the identity information of others.
- D. Activity 2: The Big Picture
  - a. The educator will present a PowerPoint which summarizes the *Identity Smart: A Guide* for Consumers Against Identity Theft content.
- E. Activity 3: Solutions
  - The students will play a BINGO game called ID SMART which will reinforce the terms while helping students to brainstorm preventative measures which will protect their identity information.
- F. Materials
  - a. Identity Smarts Curriculum PowerPoint
  - b. Identity Smart: A Guide for Consumers Against Identity Theft
  - c. Handout: Identity Theft Terms
  - d. Handout: Real People, Real Scenarios
  - e. Handout: ID SMART Bingo Sheet

# Identity Smart Educator Resource Guide: Goals, Definitions, Games

Complement to the LifeLock
Identity Smart: A Guide for Consumers
Against Identity Theft

Brought to you in partnership with





**CyberWatch** is an Advanced Technological Education (ATE) Center, headquartered at Prince George's Community College and funded by a grant from the National Science Foundation (NSF). The CyberWatch mission is to increase the quantity and quality of the information assurance (that is, cybersecurity) workforce.

**The CyberWatch K12 Division** extends the CyberWatch Mission to the K12 Community. Its mission is to advance cybersecurity education by leading collaborative efforts to strengthen the national cybersecurity workforce.

**Educational Technology Policy, Research and Outreach (ETPRO)**, a research and development organization located in Maryland, connects educational technology policy and research to instructional practice. ETPRO brings more than two decades of experience in the educational community, and more than a decade of experience in evaluating both formal and informal educational programs at the K-16 level, and conducting educational technology policy analysis. ETPRO's expertise is founded on a combination of classroom practice across K-16 tied with a solid research base.

ETPRO originated from the Educational Technology Outreach division of the College of Education, at the University of Maryland, and in 2007 was founded as an entrepreneurial entity committed to quality education for all learners, targeting the effective use of cutting edge technology in formal and informal educational settings to increase interest in Science, Technology, Engineering and Mathematics (STEM) fields. The fundamental gap between technology use and understanding of proper practices, lead ETPRO to the forefront of research, program evaluation and development of Cyberethics, Cybersafety, and Cybersecurity (C3°) initiatives.

**C3 Conference** is a high quality professional development event for educators in Maryland and the mid-Atlantic region. The core mission of the C3<sup>®</sup> Conference is to inform the educational community about the ethical, legal, safety, and security implications of technology use and illustrate how educators and parents can apply these concepts to their own setting.

LifeLock, Inc. (NYSE:LOCK) is a leading provider of proactive identity theft protection services for consumers and identity risk assessment and fraud protection services for enterprises. Since 2005, LifeLock has been relentlessly protecting identities by providing consumers with the tools and confidence they need to help protect themselves from identity theft and manage their credit. In October 2012, Javelin Strategy & Research named LifeLock Ultimate™ a "Best in Class Overall" identity theft protection solution and also named it "Best in Detection." In March 2012, LifeLock further demonstrated its commitment to combating identity fraud with the purchase of ID Analytics, Inc., a leader in enterprise identity risk management that provides visibility into identity risk and credit worthiness. ID Analytics, Inc. currently operates as a wholly owned subsidiary of LifeLock, Inc.

#### Identity Smart Educator Resource Guide: Goals, Definitions, Games

This series of activities are designed to complement the LifeLock *Identity Smart: A Guide for Consumers Against Identity Theft*.

Grade: 6-12

Content Areas: Technology, Business Education, Language Arts, Library Media

Time: 90 minutes (can be broken into two 45 minute periods)

#### **Introductory Activity: Understanding Your Identity**

The educator will call students by their wrong name to introduce the topic of identity. This will lead
to a discussion which will define identity, identity theft, and identity fraud.

#### Activity 1: Real People, Real Scenarios

- The educator will introduce the terms and definitions to the students.
- The students will play a game where they match the scenario to the term. By matching the identity theft terms, it will create an understanding of how their behavior can compromise the identity information of others.

#### **Activity 2: The Big Picture**

 The educator will present a PowerPoint which summarizes the Identity Smart: A Guide for Consumers Against Identity Theft content.

#### **Activity 3: Solutions**

• The students will play a BINGO game called ID SMART which will reinforce the terms while helping students to brainstorm preventative measures which will protect their identity information.

#### **Materials**

- Identity Smarts Curriculum PowerPoint
- Identity Smart: A Guide for Consumers Against Identity Theft
- Handout: Identity Theft Terms
- Handout: Real People, Real Scenarios
- Handout: ID SMART Bingo Sheet

#### Introductory Activity: Understanding Your Identity (10 minutes)

The educator will call students by the wrong name to introduce the topic of identity. This will lead to a discussion which will define identity, identity theft, and identity fraud. The educator can modify the activity to fit the class needs.

#### Objective:

The students will define "Identity," "Identity Theft," and "Identity Fraud."

#### Activity:

- 1. The instructor begins by calling a student by the wrong name. If the student does not react, then the instructor should continue calling students by the wrong name until the students react.
- 2. The instructor should ask questions about why the students were reacting when they were called by the wrong name and what the consequences of that could be.

#### Questions include:

- a. How do you know this is (student name here)?
- b. Why can't I call him/her (wrong student name here)?
- c. Why is it so important that I call him/her by the correct name?
- d. What could happen if I didn't call him/her by the correct name?

These questions should lead the students to the conclusion that your name is an integral part to your identity and that problems can occur if we don't use correct names. Grades can be assigned incorrectly, report cards can be given to the wrong person and the nurse can give you the wrong medicine without having proper identification.

3. Ask students to define "Identity"

The collective aspect of the set of characteristics that make you who you are.

Return to the original discussion about the student and ask the other students to describe that student's identity. In other words: How do we know (student name) is who they claim to be?

- a. We know him/her
- b. We have gone to school with him/her for a long time
- c. We have lived on the same street with him/her
- d. He/She told us that is his/her name
- Ask students what type of information verifies their identity.
  - a. Social Security Number
  - b. Date and Year of Birthday
  - c. Parent or Student's Bank Account Numbers and Information
  - d. Addresses (Current and past addresses)
  - e. Phone Numbers
  - f. Mother's Maiden Name
  - g. Health Insurance Information
  - h. Usernames and Passwords for Email or Online Accounts
  - i. Parent's Tax Information
  - j. Pet's names
  - k. Parent's Anniversary

- 5. Ask the students how businesses and organizations verify we are who we say we are?
  - a. Picture Identification (example: driver's license or membership card)
  - b. Credit Card
  - c. Social Security Card
  - d. Passport
  - e. Birth Certificate
- 6. Ask the students if they have ever heard of "Identity Theft?" Ask them to hypothesize a definition.

  All types of crime in which someone wrongfully obtains another person's personal data in some way that involves fraud or deception.
- 7. Ask the students if they have ever heard of "Identity Fraud?" Ask them to hypothesize a definition.

  When someone who has obtained another's identity by fraud or deception then uses the identity for a criminal purpose.
- 8. Ask the students if they have ever heard of anyone faking or stealing any of these items
  - Most kids will have heard how under-age persons have used fake identifications such as driver's licenses.
- 9. Inform the students that they will be discussing "Identity Theft" and "Identity Fraud" and eventually be brainstorming ways they can proactively protect themselves and the people they know from identity theft.

#### Activity 1: Real People, Real Scenarios (35 minutes)

The educator will introduce the terms and definitions to the students. The student will be given a scenario and asked to match it with a corresponding "Identity Theft" term. The educator can modify the activity to fit the class needs.

#### Objective:

- The students will play a game where they match the scenario to the term. By matching the identity
  theft terms, it will create an understanding of how their behavior can compromise the identity
  information of others.
  - Preparation: Make copies and distribute the "Real People, Real Scenarios" matching game handout.
  - 2. Using the PowerPoint presentation, discuss and review the "Identity Theft Terms." Students may write down each definition in the space provided in the "Real People, Real Scenarios" matching game handout.
  - 3. The educator will select 10 terms (at their discretion) from the "Identity Theft Terms" document and chose one of the scenarios illustrating the specific term to be used in the game. Each term has two different scenarios to choose from. One scenario is meant to be a little more difficult than the other. The educator can choose the scenario based on the level of class knowledge.
  - 4. The educator will start the game by reading the first (of 10) chosen scenarios. Each scenario is marked with a letter that should be read along with the scenario. The student will match the scenario with the term on their handout in the space provided. Since the educator is only giving scenarios for 10 terms, there will be terms leftover with no letter/match.
  - 5. Once all scenarios have been read, ask the students to pass their paper to the student directly behind them. The educator will read the correct answers aloud and the students will grade each other's papers.

#### **Identity Theft Terms**

#### [Intro to Identity Theft]

Definition	Scenario 1	Scenario 2
Identity: The collective aspect of the set of characteristics that make you who you are.		
Identity Theft: All types of crime in which someone wrongfully obtains another person's personal data in some way that involves fraud or deception.	Identity thief, Gary, steals Jamie's social security number and other personal identifying information from her school file. Gary then goes to Target and opens up a credit card in Jamie's name and spends over \$2,000 on a new TV. Gary has committed identity theft because he's impersonating Jamie and opening up credit in her name.	
Identity Fraud: When someone who has obtained another's identity by fraud or deception then uses the identity for a criminal purpose.	Kelly steals Angela's driver's license from her purse at lunch. On the way home, Kelly gets pulled over by the police for speeding and reckless driving. Instead of Kelly giving the officer her driver's license, she gives him Angela's driver's license. The ticket is written in Angela's name without her knowledge. Angela finds out someone fraudulently used her driver's license when she gets a ticket in the mail stating she never paid her fees on time. Now she is in bigger trouble with the law.	Troy has a credit card that his parents told him to use for emergencies only. Kevin decides to steal Troy's credit card from his wallet while at gym class to buy clothes after school. Kevin spends over \$250 while impersonating Troy at the store. When Troy realizes that the credit card is missing from his wallet, he tells his parents immediately and they call the credit card company.

#### [Old School Methods]

Definition	Scenario 1	Scenario 2
Change of Address Forms: A way	Randy noticed he was no longer	Rachel posts online that she's
to secretly divert mail to a	receiving his mail. When he went	excited to leave for her European
criminal's address to gather	to the post office, they told him	vacation over the next three
personal and financial data of a	his mail had been forward to a	weeks. Unbeknownst to Rachel,
targeted person.	new address across town. This	one of her online friends uses this
	new address was unfamiliar to	information to her advantage by
	Randy. Thieves have been	filling out a change of address
	receiving Randy's mail for the	form at the post office. When
	past several weeks.	Rachel returns from her vacation
		and goes to retrieve her mail
		from the post office she discovers
		her mail had been forwarded to
		an unknown address.
Dumpster Diving: Digging	After checking the mail at home,	Susan was working on an
through garbage cans or public	Mike throws out the unimportant	important document with many
dumpsters in search of cancelled	pieces without shredding. Come	of her client's personal
checks, credit card and bank	to find out, someone that night	information in it. After her project
statements, or pre-approved	went through his trash and found	was complete, she threw the
credit card offers.	bank account information that	drafts into the garbage instead of
	Mike had missed.	placing them in the shredder.
		Now anyone that has access to
		the trash has access to the
		client's personal information.
Mailbox Theft: Stealing mail with	Mrs. Abraham puts her outgoing	Kyle had his mailbox broken into.
personal information from	bills and a birthday card to her	There were many pre-approved
private, curbside mailboxes.	niece in the mailbox before	credit card offers that were sent
	school. She puts up the red flag	that day. The thief was able to
	so the postman knows there is	send in the offers on Kyle's behalf
	outgoing mail. Little did Mrs.	and open new credit cards in his
	Abraham know, her neighbor saw	name.
	the red flag raised and took all of	
	the outgoing mail without her	
	knowledge. The neighbor now	
	has Mrs. Abraham's check	
	information and birthday gift	
	intended for her niece.	
Shoulder Surfing: Secretly	Max uses the library computer at	Tia needs to get cash from the
watching over someone's	school every afternoon to check	ATM for a school trip. While
shoulder to see what password or	his emails. Melinda decides to sit	getting money from the ATM
other personal information a	next to him one day and look over	there were many people around.
person types while he or she is	his should while he's typing his	Alex saw Tia's PIN number when
online, phone or talking in public.	password. Melinda now has	she typed it in and wrote it down.
	Max's password and decides to	Later that day, Alex stole Tia's
	log into his account later that	debit card and went to retrieve
	night.	more cash from the ATM.
Theft: Deliberately stealing a	While using the restroom,	Brent's smart phone was stolen
backpack, computer, phone or	Trisha's backpack was stolen.	from his locker. He didn't have a
purse to get access to personal	Inside were her permission slips,	password on his phone so the
information, or stealing key	medical information and driver's	thief was able to access all his
documents such as a person's	license for an upcoming trip. Now	contacts and information.
driver's license, social security	all of these contents need to be	31211
card or birth certificate.	replaced.	FT0 0004050
The state of the state		FTC-0001252

#### [Online Dangers]

Definition	Scenario 1	Scenario 2
Internet-Ready Devices: Any device with the capacity to access the internet.	Molly gets a new cell phone for her birthday. She is able check her favorite websites and upload pictures she takes to the internet.	While playing his favorite game, Charlie is able to connect with his friends and people around the world to play against him.
Phishing: An email that looks legitimate redirecting someone to a fake website that will ask for personal information.	Daniel received an email from his school telling him he needed to send in his birth certificate and social security number to an out-of-state address to verify his age. Daniel learned in one of his classes that sometimes fake emails will come through that look legitimate. Daniel showed his dad this email and sure enough, it was fake.	Ella had a credit card for emergencies only. One day she received an email from her credit card company stating her password was about to expire. When she clicked on the link, the bank was asking for a lot of information to "verify" her identity. Ella learned during her computer class that sometimes fake emails will come through that look legitimate. Ella showed her mom this email and sure enough, it was fraudulent.
Social Networking: Connecting with others online through networking sites, blogs and chat rooms and revealing personal information that can be used by criminals to steal your identity.	Taylor set up an online profile to socialize with her friends. She now checks-in to tell everyone where she is, what she's doing, upload photos, videos and voice memos.	Eddie knows a lot about cooking so he starts a blog journal all of his new recipes, successes and failures in the kitchen.
Spam: Fraudulent emails that promise huge prizes or extreme sales to buy popular items.	Elizabeth signed up from a promotion at the mall with her email address. Over the last week she has gotten many emails from that company and similar companies telling her about prizes and promotions she could win by signing up. Elizabeth knew not to click on these emails or he could possibly get a virus on his computer.	Kirk checked his email one day after school and had 250 new emails from unknown companies and people. Most of the subject lines were offering new TVs for less than \$100. Kirk knew not to click on these emails or he could possibly get a virus on his computer.
Unsecured Wi-Fi Hotspot: Wi-Fi that requires no password to join and can leave you vulnerable when typing in usernames and passwords online.	Ally needs to do her homework online. She also wants to connect to her school's website, email and messenger. She goes to the coffee shop to connect to their free wireless. A couple days later, Allie's accounts were hacked into.	Ben decides to download a new app when using the hotel next door's free wireless. Little did he realize, someone was using free software to screen all username and passwords typed into the unsecured wireless. Ben's app account has been comprised.

#### [Cyber Threats]

Definition	Scenario 1	Scenario 2
Badware: Bad software that includes viruses and spyware that steal your personal information, send spam, and commit fraud. Generally, your computer is exposed to badware by downloading an unknown file or attachment.	Samantha needed to buy a program for her science class online. She didn't want to pay for the program so she found a free version on an unknown website. After downloading she found out the "free" software was stealing all of the files off of her computer and publishing them online.	Josh downloaded a file to view X-rated material online. He knew he shouldn't visit this website but since it was free he didn't care. A couple days later, his computer crashed. After getting it fixed, he learned there was a virus he downloaded and was logging all of his keystrokes. Now some thief out there has his usernames and passwords.  Note: If an identity thief is viewing
Cyber threats: Threats happening when connected to a device accessing the Internet. (Also referenced as cyberbullying).	Maria goes online to talk to her friends. She starts getting harassed about her outfit she wore to school by a group of girls online. Maria is embarrassed and feels insecure. The cyberbullies were saying some very hurtful things.	keystrokes then it means they can see everything you type on the computer.  Kevin checks his social networking page and he has new posts making fun of his car. The cyberbully even build a website around Kevin and his beat-up car. Kevin is horrified and no longer wants to go to school.
Hacker: Anyone who uses software attack tools to break into computers or smart phones that contain your personal records and steal the data.	Carson sends out a link to his entire class telling them to check out the funny video he made. Carson knew that when his classmates opened the video that it would download a virus to their computer that would give him access to the camera on their computers. Carson wanted to spy on all his friends.	Ashley needed a way to make some extra money for an upcoming vacation so she embedded a virus in her homework project for all her classmates to download. She knew that after her classmate's computers were infected that they would likely log onto their bank accounts and she would have access to them to withdraw money.
Malware: Short for malicious software. Designed to secretly access, damage or disable computer systems without the owner's consent. Generally, your computer is exposed to malware by downloading an unknown file or attachment.	Jose gets an email from someone he didn't know. The email instructs him to download the attached program in order to get faster internet. Once Jose downloads this unknown attachment, his computer crashes and could not be repaired.	Morgan finds a website online that's offering free music and movies. She downloads songs from her favorite artist. After the download was complete she was unable to use her mouse and keyboard. One of the "free" files was infected.

Peer-to-Peer (P2P) File Sharing: Downloading software that allows you to access free music, movies or files that may leave your computer vulnerable for thieves to search the computer for any private documents on the hard drive.	Rex was tired of paying for songs and movies for his tablet. He decides to download software that lets him access free music and movies. Rex didn't know that the free software also opened up his entire hard drive on his device. Everything he had saved could be accessed by anyone with the same software.	Melissa downloaded software that allows her to get free music and movies on her computer. Later that year, her parents complained that someone stole their tax returns and other personal information. Melissa didn't realize that when she downloaded that software, it made it possible for anyone to access their computer's hard drive. Someone from a different state was able to get her parent's tax information.
Spyware: Software that self-installs on a computer, enabling information to be gathered secretly about a person's Internet use, passwords, etc.	Seth disabled his firewall so he could download whatever he wanted without warning pop-ups. Seth found out later that software had been downloaded that was logging all of his keystrokes. All of the websites his parents, siblings and he went to had been logged by a thief. Two days later his parent's had their bank account hacked into.	Mariah clicked on an ad that popped up about free shoes and it directed her to a fun webpage. What she didn't realize is that the website she went to was accessing her online activity thus compromising her entire computer.
	Note: If an identity thief is viewing keystrokes then it means they can see everything you type on the computer.	
Virus: A program that secretly transmits itself between computers through Wi-Fi or removable storage such as USB drives and CDs. This often causes damage to computers and other users accessing the same devices.	William uses his computer on vacation to go online. He usually connected through unsecured Wi-Fi hotspots to check his email. Now all of his friends are texting him telling him they are getting spam. William thinks it's because he got a virus through the unsecure Wi-Fi.	Monica uses her friend, Sarah's USB device to get Sarah's homework documents for a class project. Once Monica inserts the USB into her computer she notices it's really slow.

#### [Vulnerabilities]

Definition	Scenario 1	Scenario 2
App: A specialized program	Tia wanted to track her workouts.	To track his caloric intake each
downloaded onto your mobile	She went to the app store on her	day, Mark looked into ways to do
device. In some instances, the	smart phone and downloaded the	this on his phone. After reading
app can be fake or your device	first one she saw. Once Tia	all of the recommended
doesn't detect malicious activity	installed the app, it asked her for	programs, Mark downloaded the
because you've "jail-broken" your	personal information to track her	program while at home
phone.	workouts. Tia didn't know this	connected to his secure Wi-Fi.
• *************************************	app was fake and thieves were	
	storing the information she	
	provided to open new accounts.	
Cell Phone Camera: Can be used	Peter and his friends go to the	While Lily was changing for PE,
to take a picture or video of any	public library after school for	Monica was playing with her cell
personal information.	homework. While applying for a	phone in the locker room. Lily
■ Contract Substitute State (in 19 August on State (in 19 August on 1	library card, Peter's friend, Ryan,	found out later when she got
	used his cell phone camera to	online that Monica posted photos
	take pictures of everyone's	of her to a social networking
	applications when they weren't	account for everyone to see.
	looking.	,
Checks: Checks used to draw	Christine needed to pay for her	When Charlie left for school, his
money from your bank accounts	new phone but didn't have	mom gave him a check to pay for
state your bank account number	enough cash on her. She decided	his upcoming field trip to the
and routing information, which	to write a check and the funds	museum.
can easily be copied by a thief	will be directly taken out of her	
who can then fraudulently	bank account. A few days later	
withdraw from your account.	she checked her bank account	
,	and more checks were being	
	passed in her name. It turns out	
	that the associate at the phone	
	store took the banking and	
	routing information from the	
	check she used.	
Credit Card: Plastic card issued by	Lucy was given a credit card by	Troy was looking to build his
a bank or business designed to	her parents to use for	credit so he applied for a credit
make paying for something fast	emergencies only. After using her	card. Now Troy uses his credit
and simple. Purchases are made	credit card online to pay for	card to pay for gas. Each month
on credit making it easy for	books, Lucy noticed fraudulent	he pays his bill in full and on time
thieves to steal your credit card	charges. She immediately told her	to build up his credit score.
number if in the wrong hands.	parents and they called the credit	
55*2	card company to close the	
	account.	
Debit Card: A card issued by a	To learn money management,	Phil didn't feel safe having his
bank allowing the holder to make	Tami's parents helped her open a	checks in his backpack so he
purchases and the funds are	bank account. With her new	asked his parents for a debit card.
automatically deducted from	account, Tami was issued a debit	Now when Phil needs to make a
their bank account making it easy	card. Now Tami has to keep track	purchase, he uses his debit card
for thieves to have access to your	of her PIN number and account	and PIN number to deduct money
bank account if in the wrong	balance. Tami told her friend,	from his bank account.
hands.	Cindy, her PIN number so Cindy	
	could buy a snack after school. It	
	turns out Cindy went to the ATM	
	to get money without Tami's	
	consent.	
		FTC-0001256

Location Settings: Features on a smart phone or GPS that allow users to promote where they are located making you a target for online and physical attacks.  Note: GPS stands for Global Positioning System making it easy to see where you are located.	Eva told her parents that she was going to the movies with friends. Instead she went over to her new friend Ben's house. Her parents showed up 20 minutes later because Eva has apps on her smart phone that show where she is.	Todd uploaded pictures to his blog from the weekend taken with his cell phone. When he posted the photos he didn't understand how people knew exactly where he was when taking the pictures. Todd didn't know that the GPS coordinates are recorded in all photos unless deactivated manually.
Skimming: This theft involves a small device called a "skimmer" which is used to copy the stored information in the magnetic strip on the back of your credit or debit card in order to make a counterfeit copy of your card that can then be used or otherwise sold.  Note: Magnetic strip contains the credit and debit card information that is printed on the card. This is valuable information for identity thieves.	When it came time to pay her lunch bill, Sam gave her credit card to the waitress. The waitress left with her card and came back within a few minutes. Later that day, Sam got a call from her credit card company asking if she was buying plane tickets to Maui. Sam told the credit card company she did not make those charges. It turns out the waitress at the restaurant used a skimmer to copy Sam's credit card. The waitress sold Sam's credit card number online.	Lindsey paid for gas with her credit card. Days later when she was checking her statement online, she noticed charges that she didn't make. She immediately called her credit card company and told them of the charges. It turns out there was a skimmer in the gas pump where Lindsey used her credit card.
Smart Phone: Cell phones that have the capacity to go online, store personal data and have many of the same functions as a computer. By losing your device it makes you vulnerable for anyone to have access to that information if not password protected.	Nick has the ability to go online, download music, take pictures and have a GPS through his phone.	Angelina's phone can track her location so her parents know where she is at all times. Angelina can also go online and upload pictures wherever she is.
Social Security Number (SSN): A nine digit identification number in unique for each individual issued by the Social Security Administration. If in the wrong hands, thieves can open new lines of credit and get a job in your name.	Michael went to the DMV to get his license. He had to provide his SSN in order to verify his identity.	Before Michelle could get her athletic physical, she needed to fill out paperwork at the doctor's office. The paperwork asked for her SSN so they could verify her insurance coverage.

#### [Best Practices]

Definition	Scenario 1	Scenario 2
Audience: The potential people	Before Mandy uploaded pictures	When Sal created his online
who could view anything you post	from her weekend activities she	profile he made sure to use
online.	made sure they were appropriate	pictures that were professional. If
-0-0000 1 70-0000 H	for anyone to see. Mandy's friend	someone saw a photo and post
	got in trouble a few months ago	about him that was inappropriate
	because the school was checking	then it could cause him to not get
	the student's social networking	into his college.
	pages for bad and illegal	
	behavior, and Mandy did not	
	want to get in trouble	
Firewall: Designed to block	Chris got a new computer and	Sophia received her uncle's old
unauthorized access to your	part of his package included a	computer for school. Before using
device when using the Internet.	firewall and anti-virus protection.	it, she took it to the computer
		shop and had a tune up to check
		for viruses and update her
British and Control of the st	When Cindunate has a second	firewall and anti-virus protection.
<b>Privacy settings</b> : Controls that restrict who can view information	When Cindy gets her new smart	Hank's parents told him he was
	phone she views all the settings. She makes sure to turn off the	able to get a social networking
on your online profiles. This also pertains to the settings	GPS in her camera. She also	page as long as they could set it up together. Hank and his parents
associated with downloads,	makes sure the other apps on her	looked at each privacy setting and
software, apps or online	phone don't have the location	made sure his profile was private
accounts.	features activated.	and he wasn't accidentally
	Teatares activated:	sharing his profile, photos and
		posts with everyone.
Secured Wi-Fi: A wireless	Tom decides to grab a smoothie	While Allison is out shopping, she
technology that allows for an	after school. He is supposed to be	forgets that she needed to pay
Internet connection from a	doing homework so he logs onto	her cell phone bill. Since there
computer, but many mobile	his laptop and connects to the	wasn't a secure place to connect
phones, tablets and gaming	internet by using the access card	she decides to wait and logon to
devices have Wi-Fi as a feature.	his parents gave him.	her account when she's at home.
		When she's at home she connects
	Note: An access card is a secure way	safely.
	to get wireless internet. You're can	
	buy them through your wireless provider. A unique password is	
	associated with the access card.	
Strong Passwords: Using a	Angelo has usernames and	When Kathy creates her
variety of words, characters,	passwords for many accounts. To	username and password for her
numbers and symbols to protect	increase his safety online, he	school's homework portal she
your online accounts by making	makes sure his passwords have a	uses a series of upper and lower
them hard to guess.	combination of upper and lower	case letters, numbers and
	case letters, numbers and	symbols. She knows if it's over 10
	symbols. Angelo always changes	characters long that it's harder
	his passwords every month and	for her password to be cracked.
	never uses the same password for	
	two different websites.	

	Identity Sin	13
me:		
	Real People, Real Scenarios Student Han	ndout
Identity:	Identity Theft:	Identity Fraud:
Shoulder Surfing:	Theft:	Dumpster Diving:
Shoulder Surmig.	merc.	bumpster biving.
Mailbox Theft:	Change of Address Forms:	Firewall:

Spam:

Phishing:

Social Networking:

Audience:	Internet Ready Device:	Unsecured Wi-Fi Hotspot:
Cyber Threats:	Virus:	Malware:
Badware:	Spyware:	Peer-to-Peer (P2P) File Sharing:
Hacker:	Smart Phone:	Cell Phone Camera:

S STATE STAT	5 2 - 3857	N. Transport Control (1998)
Location Settings:	Арр:	Credit Card:
Debit Card:	Checks:	Skimming:
Social Security Number (SSN):	Secured Wi-Fi:	Strong Passwords:
Privacy Settings:		

# **Activity 2: The Big Picture (30-40 minutes)**

The educator will present a trivia game which summarizes the *Identity Smart: A Guide for Consumers Against Identity Theft* content. The educator can modify the activity to fit the class needs.

# Objective:

• Students will play a trivia game which reviews the "Identity Theft" terms and content from Identity Smart: A Guide for Consumers Against Identity Theft.

# Activity:

# Starting the Game

- Your class will be divided into 3 teams.
- Each team will be given a buzzer they will use to answer questions.
- Choose 1 team to pick the first category.

# **Playing the Game**

- Read the question and the first team who buzzes in gets 10 seconds to answer the question.
- You can work together as a team to answer the question or you can switch off between individual players.
- A correct answer earns the point value while a wrong answer loses the value.
- If the team gets it wrong, the other two teams are given a chance to answer.
- The team who gives the correct answer gets to choose the next category and point value.

## **Final Round**

- At the end of the game, any team with a positive score will play the final round.
- You may wager any point value up to your team's current score.
- You will have <u>30 seconds</u> to write down an answer.
- When time is up, each team will read their answer and award or deduct points based on their wager.
- The team with the highest score wins.

# **Activity 3: Solutions (20-40 minutes)**

The students will play a BINGO game called "ID SMART" which will reinforce the terms while helping students to brainstorm preventative measures which will protect their personal identity information. The educator can modify the activity to fit the class needs.

# Objective

• The students will brainstorm proactive measures to help protect their identity information.

# Activity

- 1. Give each student a Handout: ID SMART BINGO.
- 2. Ask students to fill each square with a term from the Handout: "Identity Theft" terms.
- 3. Set out the rules of the game:
  - a. The first student to have all the terms in the pattern that the instructor sets, wins.
  - b. These patterns could be: a full row, column, all four corners etc.
- 4. Randomly call out a term, students should put a check mark in the box if they have written that term on the sheet.
- 5. The first student to get the required pattern a full row, column, all four corners and to call out BINGO-- has the opportunity to win.

## There is a twist!

- 6. As the student calls out the terms that helped them to win, he/she cannot win unless he/she can name a preventative measure that will help protect their identity from theft.
- 7. If students have trouble naming a solution, the instructor can create a list that the students will research (either for homework or on another lab day) or the instructor can provide students with a solution.
- 8. Send students home with the *Identity Smart: A Guide for Consumers against Identity Theft* booklet and ask them to share it with their parents.

## **Identity Theft Terms**

- App: A specialized program downloaded onto your mobile device. In some instances, the app can be fake or your device doesn't detect malicious activity because you've "jail-broken" your phone.
- Audience: The potential people who could view anything you post online.
- Badware: Bad software that includes viruses and spyware that steal your personal information, send spam, and commit fraud. Generally, your computer is exposed to badware by downloading an unknown file or attachment.
- Cell Phone Camera: Can be used to take a picture or video of any personal information.
- Checks: Checks used to draw money from your bank accounts state your bank account number and routing information, which can easily be copied by a thief who can then fraudulently withdraw from your account.
- Credit Card: Plastic card issued by a bank or business designed to make paying for something
  fast and simple. Purchases are made on credit making it easy for thieves to steal your credit card
  number if in the wrong hands.
- Cyber Threats: Threats happening when connected to a device accessing the Internet. (Also referenced as cyberbullying).
- Debit Card: A card issued by a bank allowing the holder to make purchases and the funds are automatically deducted from their bank account making it easy for thieves to have access to your bank account if in the wrong hands.
- **Dumpster Diving:** Digging through garbage cans or public dumpsters in search of cancelled checks, credit card and bank statements, or pre-approved credit card offers.
- Firewall: Designed to block unauthorized access to your device when using the Internet.
- Hacker: Anyone who uses software attack tools to break into computers or smart phones that contain your personal records and steal the data.
- **Identity Fraud:** When someone who has obtained another's identity by fraud or deception then uses the identity for a criminal purpose
- **Identity Theft:** All types of crime in which someone wrongfully obtains another person's personal data in some way that involves fraud or deception.
- Identity: The collective aspect of the set of characteristics that make you who you are.
- Internet-Ready Devices: Any device with the capacity to access the internet.
- **Location Settings:** Features on a smart phone or GPS that allow users to promote where they are located making you a target for online and physical attacks.
- Mailbox Theft: Stealing mail with personal information from private, curbside mailboxes.
- Malware: Short for malicious software. Designed to secretly access, damage or disable computer systems without the owner's consent. Generally, your computer is exposed to malware by downloading an unknown file or attachment.
- Peer-to-Peer (P2P) File Sharing: Downloading software that allows you to access free music, movies or files that may leave your computer vulnerable for thieves to search the computer for any private documents on the hard drive.
- Phishing: An email that looks legitimate redirecting someone to a fake website that will ask for personal information.
- **Privacy Settings:** Controls that restrict who can view information on your online profiles. This also pertains to the settings associated with downloads, software, apps or online accounts.
- **Secured Wi-Fi:** A wireless technology that allows for an Internet connection from a computer, but many mobile phones, tablets and gaming devices have Wi-Fi as a feature.
- **Shoulder Surfing:** Secretly watching over someone's shoulder to see what password or other personal information a person types while he or she is online, phone or talking in public.

- **Skimming:** This theft involves a small device called a "skimmer" which is used to copy the stored information in the magnetic strip on the back of your credit or debit card in order to make a counterfeit copy of your card that can then be used or otherwise sold.
- Smart Phone: Cell phones that have the capacity to go online, store personal data and have
  many of the same functions as a computer. By losing your device it makes you vulnerable for
  anyone to have access to that information if not password protected.
- **Social Networking:** Connecting with others online through networking sites, blogs and chat rooms and revealing personal information that can be used by criminals to steal your identity.
- Social Security Number (SSN): A nine digit identification number in unique for each individual
  issued by the Social Security Administration. If in the wrong hands, thieves can open new lines of
  credit and get a job in your name.
- Spam: Fraudulent emails that promise huge prizes or extreme sales to buy popular items.
- **Spyware:** Software that self-installs on a computer, enabling information to be gathered secretly about a person's Internet use, passwords, etc.
- **Strong Passwords:** Using a variety of words, characters, numbers and symbols to protect your online accounts by making them hard to guess.
- Theft: Deliberately stealing a backpack, computer, phone or purse to get access to personal
  information, or stealing key documents such as a person's driver's license, social security card or
  birth certificate.
- **Unsecured Wi-Fi Hotspot:** Wi-Fi that requires no password to join and can leave you vulnerable when typing in usernames and passwords online.
- Virus: A program that secretly transmits itself between computers through Wi-Fi or removable storage such as USB drives and CDs. This often causes damage to computers and other users accessing the same devices.
- Change of Address Forms: A way to secretly divert mail to a criminal's address to gather personal and financial data of a targeted person.

Name:			

**Handout: ID SMART BINGO** 

D	S	M	A	R	T
		Free Spot			

# **Become ID SMART**

- Write your Identity Theft term in the square.
- Put a check mark in the square when you hear your teacher call that term.
- Think about preventative ways you can protect your Identity Information. Write some ideas here:

# Standards

C3 Matrix

ISTE National Educational Technology Standards for Students Common Core Reading, Writing, Listening and Mathematics

# C3 Matrix

Students recognize and practice responsible and appropriate use while accessing, using, collaborating, and creating technology, technology systems, digital media and information technology within the context of demonstrate an understanding of current ethical and legal standards, the rights and restrictions that govern technology systems, digital media and information technology within the context of Cyber-Ethics

today's society Cyber-Safety

Students practice safe strategies to protect themselves and promote positive physical and psychological well-being when using technology, technology systems, digital media and information technology including the Internet

Cyber-Security
Students practice secure strategies when using technology, technology systems, digital media and information technology that assure personal protection and help defend network security.

# Common Core English Language Arts & Literacy in History/ Social Studies, Science, and Technical Subjects Grades 6-12

ISTE National Educational Technology

Standards for Students 2007

Solving, and Thinking, Problem 4. Critical Decision Making (a,b,c,d) Information 3. Research Fluency (a,b,c,d) Communica Collaboratio tion and n (a, b)

5. Digital Citizenship

(a,b,c,d)

appropriate strategically tools Ose Mathematical Practices reasoning of arguments and critique Construct Viable others Make Sense persevere in of Problems solving and Presentation College and Knowledge Readiness Standards Listening Speaking and Ideas Anchor Career (4,5,6)for and College and Research to Readiness Anchor Knowledge for Writing Standards Build and (7, 8, 9) Career Present Knowledge Integration and Ideas Anchor Standards for Reading College and Career Readiness (10) Craft and Structure 9 Key Ideas and Details (1, 2, 3)

# Identity Smart Educator Resource Guide: Surveys and Materials

Complement to the LifeLock

Identity Smart: A Guide for Consumers

Against Identity Theft

Brought to you in partnership with





# Brought to you in partnership with:

**CyberWatch** is an Advanced Technological Education (ATE) Center, headquartered at Prince George's Community College and funded by a grant from the National Science Foundation (NSF). The CyberWatch mission is to increase the quantity and quality of the information assurance (that is, cybersecurity) workforce.

The CyberWatch K12 Division extends the CyberWatch Mission to the K12 Community. Its mission is to advance cybersecurity education by leading collaborative efforts to strengthen the national cybersecurity workforce.

**Educational Technology Policy, Research and Outreach (ETPRO)**, a research and development organization located in Maryland, connects educational technology policy and research to instructional practice. ETPRO brings more than two decades of experience in the educational community, and more than a decade of experience in evaluating both formal and informal educational programs at the K-16 level, and conducting educational technology policy analysis. ETPRO's expertise is founded on a combination of classroom practice across K-16 tied with a solid research base.

ETPRO originated from the Educational Technology Outreach division of the College of Education, at the University of Maryland, and in 2007 was founded as an entrepreneurial entity committed to quality education for all learners, targeting the effective use of cutting edge technology in formal and informal educational settings to increase interest in Science, Technology, Engineering and Mathematics (STEM) fields. The fundamental gap between technology use and understanding of proper practices, lead ETPRO to the forefront of research, program evaluation and development of Cyberethics, Cybersafety, and Cybersecurity (C3°) initiatives.

**C3. Conference** is a high quality professional development event for educators in Maryland and the mid-Atlantic region. The core mission of the C3<sup>®</sup> Conference is to inform the educational community about the ethical, legal, safety, and security implications of technology use and illustrate how educators and parents can apply these concepts to their own setting.

LifeLock, Inc. (NYSE:LOCK) is a leading provider of proactive identity theft protection services for consumers and identity risk assessment and fraud protection services for enterprises. Since 2005, LifeLock has been relentlessly protecting identities by providing consumers with the tools and confidence they need to help protect themselves from identity theft and manage their credit. In October 2012, Javelin Strategy & Research named LifeLock Ultimate™ a "Best in Class Overall" identity theft protection solution and also named it "Best in Detection." In March 2012, LifeLock further demonstrated its commitment to combating identity fraud with the purchase of ID Analytics, Inc., a leader in enterprise identity risk management that provides visibility into identity risk and credit worthiness. ID Analytics, Inc. currently operates as a wholly owned subsidiary of LifeLock, Inc.

# **Identity Smart Educator Resource Guide: Surveys and Materials**

Identity fraud is the fastest-growing category of Federal Trade Commission (FTC) complaints. In 2012, 12.6 million adult Americans fell victim to identity theft.

Federal Trade Commission. "Consumer Sentinel Network Data Book for January – December 2012." February 2013. Javelin Strategy & Research. "2013 Identity Fraud Report." February 2013

Children make prime targets for identity thieves specifically because they have no credit history and thus, clean credit reports. Also, because parents don't think to check their children's credit histories, the theft can continue unchecked for over a decade. Police agencies are reporting that children are now the fastest growing segment of identity theft victims. Identity thieves will use children's identities to take out loans and lines of credit they never intend to repay and to establish an identity so they can obtain things like jobs or a driver's license.

# **Unit Overview:**

This content is designed to provide educators with the means to explore with students the topic of identity theft and the cyberethics, safety and security strategies associated with it. Students and educators will begin to recognize and internalize the importance of assessing and identifying dangers of identity theft, practicing strategies to minimize the risk and formulating plans and next steps for minimizing the risk of loss in the event of an identity theft.

# **Objectives:**

Upon completion of these lessons and presentations, students will be able to:

- Assess the dangers of identity theft and identity fraud.
- Identify how identity thieves obtain personal information.
- Explain what identity thieves can do with an individual's personal information.
- Practice methods to minimize the risk of identity theft and identity fraud.
- Recognize the warning signs of identity theft and identity fraud.

# Materials:

# **Baseline and Post-Unit Surveys**

To begin the content unit on identity theft, you may wish to administer to students the baseline survey. This survey will help you gauge your student's prior knowledge and experiences surrounding the topic of identity theft. A post-unit survey, similar to the baseline survey is also included, and can help you measure changes in student knowledge. Answers keys are provided.

## **Unit Materials**

- 1. Three baseline and post-unit surveys are included for three different grade bands:
  - Elementary/Early Middle School
  - Middle and High School
  - High School/PTA and Educator Audiences
- 2. Ice Breaker Scenarios
- 3. Two case studies, entitled Security in Cyber Space,
  - Recommended for use with middle/high school and adult level audiences.
  - The case studies provide an identity theft related vignette that introduces the unit content and helps the attendees to understand why this topic is important.

LifeLock | ETPRO/C3 Identity Smart Content Curriculum

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- 4. Parent take home materials are included and can be used with all age groups.
- 5. References are also included to help access other identity theft stories in the news.

The PowerPoint and case studies can be used separate from or with any of the unit's other activities.

# **How to Begin:**

- 1. View the materials and the Identity Smart Curriculum PowerPoint.
- 2. After determining the audience level and format structure, decide on the activities you would like to include. For adults, the open discussion with the PowerPoint is usually enough.
- 3. The case scenario and PowerPoint is suggested for upper age students. The hands-on activities are suggested for younger audiences.
- 4. Baseline and follow up surveys are always recommended if time allows.

# Ice Breaker Stories (10 minutes)

## Activity:

- 1. Cut each headline and scenario apart and distribute to participants.
- 2. Divide participants into groups of two or three.
- 3. Distribute one story to each group. Tell the groups that they are newspaper editors planning to publish the story. Each group is to think of a good headline for their story.
- 4. Have participants, introduce their group members, and read their headline and story to the entire group.
- 5. Note: The educator can modify the activity to fit the class needs.

A man and woman in Florida illegally obtained credit card numbers of more than 12,000 patrons of restaurants in Florida and distributed them to others. The couple did this by illegally tapping the computer networks of restaurants, pretending to be a legitimate computer technician servicing the restaurants.

# Headline

A mentally ill woman exploited a loophole in Washington, D.C. tax office online systems to gain unauthorized access to taxpayer accounts, establish herself as the owner of dozens of businesses and file returns on their behalf. The woman electronically filed FR-500 forms, a document establishing change of ownership or authorized agent, for 114 existing and fictitious businesses. Through the FR-500 process she was able to establish herself as the owner of the businesses and gain access, within 48 hours, to 76 taxpayer business accounts.

Headline	

The Washington, D.C. Office of the State Superintendent of Education (OSSE) that handles college financial aid requests accidentally e-mailed personal information from 2,400 student applicants to more than 1,000 of those applicants. The OSSE said the breach occurred when an employee of the agency's Higher Education Financial Services Program inadvertently attached an Excel spreadsheet to an e-mail. The information released included student names, e-mail and home addresses, phone and Social Security numbers and dates of birth.

Handling						
Headline						

A man had his identity stolen as a child. He found out when his mother filed a tax return with the IRS, when he was 11, for some modeling work that he did. His mother notified the police, the IRS and the Social Security Administration at that time. Several years later she found the illegal alien who was using her son's social security number and the man asked, Can I keep using your son's social security number? I'll let you have his tax refund. She told the man to stop using her son's social security number. When the young man went off to college he was denied basic utility services like gas, electricity and telephone service because they said he already had accounts.

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# **Baseline Survey: Elementary/Middle School**

Name	Date
Circle the correct answer	

- 1. This piece of information was given to you at birth by your parents.
  - a. Social Security Number
  - b. Phone Number
  - c. Your Name
  - d. Your high school name
- 2. This is why people should look around their surroundings when using a computer in a public place and put their hand over the keypad when entering your PIN at the ATM when taking out money.
  - a. Shoulder Surfing
  - b. Skimming
  - c. Dumpster Diving
  - d. Shredder
- 3. This piece of equipment cuts paper into pieces that make stealing the information on the document difficult to steal.
  - a. Cheese grater
  - b. Skimming
  - c. Jaws
  - d. Shredder
- 4. These "funny" set of questions sent to you by friends on social networking sites are ways of tricking you into providing identity information about yourself.
  - a. Quizzes
  - b. IQ tests
  - c. Personality tests
  - d. All of the above
- 5. This method of identity theft is one of the most traditional—and most effective. Thieves search your trash for documents that contain your personal information and gain access to important numbers that help them commit identity theft.
  - a. Stolen wallet
  - b. Dumpster diving
  - c. Phishing
  - d. Shoulder Surfing
- 6. True or False: Identity theft and fraud is the fastest-growing category of Federal Trade Commission (FTC) complaints.
  - a. True
  - b. False

- 7. True or False: Since I'm young and don't use the computer or internet as much, I shouldn't be concerned about identity theft?
  - a. True
  - b. False
- 8. Sometimes thieves pretend to be real businesses and through emails, text messages and what look like real websites, try to get you to give out personal information. These are called...
  - a. Shopping carts
  - b. Dumpster diving
  - c. Phishing scams
  - d. Fake identification
- 9. There are several protections that you or your parents can do that will keep your computer more secure.
  - a. Update malware protection
  - b. Update the operating system
  - c. Update the web browser
  - d. All the above
- 10. True or False: You are on the internet and receive a popup announcement stating you could win a free iPhone. This is probably not true.
  - a. True
  - b. False

# Post-Unit Survey: Elementary/Middle School

Name	Date
Circle the correct answer	

- 1. This piece of information was issued to you by the U.S. Social Security Administration.
  - a. Social Security Number
  - b. Phone Number
  - c. Your Name
  - d. Your high school name
- 2. This is why you should never keep your passwords or social security cards in your wallet or purse.
  - a. Shoulder Surfing
  - b. Stolen wallet or purse
  - c. Dumpster Diving
  - d. Shredder
- 3. What should you do before you toss out any papers containing personal information?
  - a. Tear up papers
  - b. Crumple up papers
  - c. Shred or burn papers
  - d. Place in the recycling bin
- 4. These pop up survey quizzes are often forwarded to you by a friend but are really often tricks to get you to share personal information about yourself.
  - a. Answer questions about someone
  - b. IQ tests
  - c. Personality tests
  - d. All of the above
- 5. This method of identity theft is an old but effective method. Thieves scout for curbside mailboxes and target for theft any mail with identity information.
  - a. Stolen wallet
  - b. Dumpster diving
  - c. Mail theft
  - d. Shoulder Surfing
- 6. True or False: The number of complaints of identity theft for younger age citizens is growing.
  - a. True
  - b. False

- 7. Which of the following need to be concerned about identity theft?
  - a. Younger students
  - b. Businessmen
  - c. Grandparents
  - d. All the above
- 8. A website or text message directs you to go to another website location where you are asked to update your personal information. These are called...
  - a. Shopping carts
  - b. Dumpster diving
  - c. Phishing scams
  - d. Fake identification
- 9. There are several protection options that you or your parents can do that will keep your computer more secure. Which one(s) can be done to help your computer's security?
  - a. Update your virus protection
  - b. Install operating system and browser updates
  - c. Use spyware detection
  - d. All the above
- 10. True or False: You are on the internet and receive a popup announcement stating you could win a free iPhone. This is probably a scam.
  - a. True
  - b. False

# Baseline Survey: Middle/High

Name	Date	
Circle the correct answer		

- 1. Which of the following is considered to be a safe place to put personal information about yourself?
  - a. Social Networking site
  - b. IM profile
  - c. Webpage
  - d. None of the above
- 2. This is why people entering password and private information in a smartphone or computer in public should look around, and cover the key pad when entering a PIN number at the ATM:
  - a. Shoulder Surfing
  - b. Skimming
  - c. Dumpster Diving
  - d. Shredder
- 3. Which of the following are considered to be the next wave of identity theft strategies?
  - a. Malware
  - b. Keystroke logging
  - c. Skimming
  - d. All of the above
- 4. An email is sent to you indicating that your computer is infected and that you need to download the new antivirus protection to fix the problem. A link to the new program is provided. This is an example of...
  - a. Phishing
  - b. Shoulder Surfing
  - c. Dumpster Diving
  - d. All of the above
- 5. This method of identity theft is one of the most traditional—and most effective. Thieves search your trash for documents that contain your personal information and gain access to important numbers that help them commit identity theft.
  - a. Stolen wallet
  - b. Dumpster diving
  - c. Phishing
  - d. Shoulder Surfing
- 6. True or False: Identity theft and fraud is the fastest-growing category of Federal Trade Commission (FTC) complaints.
  - a. True
  - b. False

- 7. Which of the following will help protect your data and communications when using a computer?
  - a. Password protect your computer and cell phone
  - b. Use strong and diverse passwords/passphrases or patterns
  - c. Avoid logging into private accounts when using free public Wi-Fi (library, coffee shop)
  - d. All the above
- 8. What program is designed to block unauthorized access to your device when using the internet?
  - a. Malware
  - b. Virus
  - c. Firewall
  - d. Identification Code
- 9. There are several protections that you or your parents can do that will keep your computer more secure
  - a. Update malware protection
  - b. Make sure when purchasing online you are connected to a secure server (https)
  - c. Update browsers and applications
  - d. All the above
- 10. True or False: You are on a social networking site and a friend posts a link inviting you to take an online personality quiz. This link could be connected with malware.
  - a. True
  - b. False

# Post-Unit: Middle/High Name \_\_\_\_\_ Date\_\_\_\_\_ Circle the correct answer

- 1. Which of the following is considered to be personal information that should not be posted to your social media site as it could lead to identity theft?
  - a. Full date of birth
  - b. A picture of you
  - c. Names of your friends
  - d. Your high school name
- The prevalence of cameras and recorders in today's mobile phones make this form of identity theft a real threat. When thieves position themselves within sight or earshot of you as you enter personal information on a smart phone or computer or order merchandise with a credit card over the phone it is called...
  - a. Skimming
  - b. Vishing
  - c. Shoulder Surfing
  - d. Shredder
- 3. Once installed, malware can run executable programs on your computer without your consent, including transmitting personal information via the Internet to remote computers, where it is stored and sold at a later date to counterfeiters. Which of the following is considered malware?
  - a. Viruses
  - b. Badware
  - c. Spyware
  - d. All of the above
- 4. A message appears in your social networking site stating, "watch this video of us goofing off." The IP address link is: http:// xh3.8756.986. This is likely an example of:
  - a. Scareware scam
  - b. Malware link
  - c. Dumpster Diving
  - d. All of the above
- 5. What can you adjust when you're online to increase your level of security?
  - a. Privacy Settings
  - b. Volume Settings
  - c. Contrast Settings
  - d. All of the above

- 6. Children are prime victims for identity theft. Youth are now being targeted because:
  - a. They have clean credit reports
  - b. Youth are more likely to share personal data online
  - c. Youth actively use the Internet
  - d. All of the above
- 7. Which of the following will help protect your data and communications when using a computer?
  - a. Password protect your computer and cell phone
  - b. Use strong and diverse passwords/passphrases or patterns
  - c. Avoid logging into personal accounts when using free public Wi-Fi
  - d. All the above
- 8. True or False: Music sharing sites and other Peer-to-Peer (P2P) networks give thieves access to any unprotected data on your computer, including personal identity information.
  - a. True
  - b. False
- 9. There are several protections that you or your parents can do that will keep your computer more secure...
  - a. Update malware protection
  - b. Update your operating system and install patches
  - c. Update browsers and applications
  - d. All the above
- 10. True or False: Anything stored on the same hard drive as a shared library (P2P) is publicly accessible when you connect.
  - a. True
  - b. False

# Baseline Survey: High/Adult Name \_\_\_\_\_ Date\_\_\_\_\_

- 1. On average, what is the fastest growing sector of the identity theft "industry"?
  - a. Elderly identity theft
  - b. SSN cloning

Circle the correct answer

- c. Child identity theft
- d. None of the above
- 2. Two recent trends related to SSNs and identity theft include criminals increasingly targeting minor's (even infant's) SSNs for identity theft, and . . . .
  - a. The SSNs of younger US residents are much easier to predict than the SSNs of those born before the 1990s.
  - b. The SSNs of males are targeted more than females
  - c. SSN cloning
  - d. All of the above
- 3. Which of the following are considered to be the next wave of identity theft strategies?
  - a. Malware
  - b. Keystroke logging
  - c. Spear phishing
  - d. All of the above
- 4. An email is sent to you indicating that your computer is infected and that you need to download the new antivirus protection to fix the problem. A link to the new program is provided. This is an example of...
  - a. Phishing
  - b. Shoulder Surfing
  - c. Dumpster Diving
  - d. All of the above
- 5. You can't entirely remove the risk of identity theft. You can, however, minimize the impact if it does happen. Which of the following steps should be taken as protection measures?
  - a. Stop giving out your or your child's personal information
  - b. Order a free credit report at least once a year (even if young and haven't run up credit) or sign up for an identity theft protection service
  - c. If you find evidence of fraudulent activity, contact the police, the source of the fraud and all three credit bureaus.
  - d. All of the above

- 6. True or False: Personal information posted on a non-private social networking site status update is viewable by anyone online.
  - e. True
  - f. False
- 7. Which of the following will help protect your data and communications when using a computer?
  - a. Password protect your computer and cell phone
  - b. Use strong and diverse passwords/passphrases or patterns
  - c. Avoid logging into accounts when using free public Wi-Fi
  - d. All the above
- 8. What program is designed to block unauthorized access to your device when using the internet?
  - a. Malware
  - b. Virus
  - c. Firewall
  - d. Identification Code
- 9. There are several protections that you can do that will keep your computer more secure . . .
  - a. Update malware protection
  - b. Make sure when purchasing online you are connected to a secure server (https)
  - c. Update browsers and applications
  - d. All the above
- 10. Suggested password strategies include changing passwords often, using numbers, symbols and upper case letters and which of the following?
  - a. At least 5 characters
  - b. Writing down passwords so you do not forget
  - c. Using a separate password for purchase transactions
  - d. All of the above

# Post-Unit Survey: High/Adult Name \_\_\_\_\_ Date\_\_\_\_\_

Circle the correct answer

- 1. Using an identity theft protection service is one of the best ways to protect your personal information from being misused, but there are also industry best practices you can put in place on your own. Which of the following is considered a recommended best practice?
  - a. Watch your credit score
  - b. Limit the amount of personal data you reveal
  - g. Use strong password tactics
  - h. All of the above
- 2. Identity theft can take many forms, from stealing your complete profile, to gathering bits of your identity and combining that information with other data to create a fake profile. Which commonly occurs when a thief has stolen your identity?
  - a. A credit card bill is paid in full
  - b. Personal loan paid off
  - c. New service agreements for cellular service or utilities
  - d. All of the above
- 3. Which of the following are considered to be the next wave of identity theft strategies?
  - a. Pigware
  - b. Cloned debit cards obtained using skimmers
  - c. Mail fraud
  - d. All of the above
- 4. What can you adjust when you're online to increase your level of security?
  - a. Privacy Settings
  - b. Volume Settings
  - c. Contrast Settings
  - d. All of the above
- 5. High-risk sources of identity theft include which of the following?
  - a. Emails from friends with no text and just a link to an unknown website
  - b. Peer-to-peer music and movie sharing software
  - c. Logging into your password-protected accounts through free public Wi-Fi sites
  - d. All of the above

- 6. True or False: Using a search engine to check out an unknown online link provided in an email can uncover if it is fraudulent site.
  - a. True
  - b. False
- 7. Which of the following will help protect your data and communications when using a computer?
  - a. Password protect your computer and cell phone
  - b. Use strong and diverse passwords/passphrases or patterns
  - c. Avoid logging into accounts when using a public Wi-Fi
  - d. All the above
- 8. Sometimes thieves pretend to be real businesses and use emails, text messages and what looks like real websites, try to get you to give out personal information. These are called...
  - a. Shopping carts
  - b. Dumpster diving
  - c. Phishing scams
  - d. Fake identification
- 9. There are several protections that you can do that will keep your computer more secure . . .
  - a. Update malware protection
  - b. Make sure when purchasing online you are connected to a secure server (https)
  - c. Update browsers and applications
  - d. All the above
- 10. Suggested password strategies include changing passwords often, using a separate password for purchase transactions and which of the following?
  - a. At least 5 characters
  - b. Including numbers and symbols and upper cases
  - c. Changing passwords every two years
  - d. All of the above

# **Pre/Post-Unit Survey Answers**

Question	Elem/I	Middle	Midd	Middle/High		Adult
	Pre	Post	Pre	Post	Pre	Post
1	С	а	d	а	С	d
2	а	b	а	С	а	С
3	d	С	d	d	d	b
4	d	d	а	b	а	a
5	b	С	b	а	d	d
6	а	а	а	d	а	а
7	b	d	d	d	d	d
8	С	С	С	а	С	С
9	d	d	d	d	d	d
10	а	а	а	а	С	b

# Case Study 1: Middle/High Name \_\_\_\_\_ Date\_\_\_\_\_ Case Study

Security in Cyber Space

A group of sixth grade girls from Greater City Middle School were meeting at Brianna's house to work on a school project. They had wanted to use some fancy graphics and templates to put a brochure together, so Brianna's mom let them borrow her laptop. They had made a pretty good dent in their project so decided to take a break and check out some social networking pages and funny videos.

Brianna didn't have a social networking account. Her parents told her she could get one on her 16<sup>th</sup> birthday. "We can use mine," Sarah said. "Your parents let you have one?" asked Brianna. "No, but I really wanted one. So I just set it up myself. I pretended I was older and used another name," Sarah said. Sarah logged into her account. The girls decided to check out some of the eighth grader pages, of the girls they knew from dance class. Nancy was one of the girls from their dance class. "Is she a close friend," Brianna asked. "No, but it doesn't seem to matter. She has it so everyone can see."

Nice dance performance the other night (Sarah), posted Sarah on Nancy's page. "Since I'm showing up as someone else, I placed my name in parenthesis so Nancy would know who it was from," Sarah shared. "Interesting," Brianna said while feeling a little uneasy. "You could do the same thing if you want. Just use my account. Here, I'll write down my password. Just don't post anything stupid," Sarah went on. "Look, someone sent her a link to check out another performance. It says we need to download something else to view it" Sarah exclaimed. Before Brianna could say "No!" Sarah had already clicked and started the download.

## Questions for participants to answer.

- 1. Underline or highlight all questionable practices that you noted in the case study.
- 2. Of those questionable issues you highlighted in question #1, what consequences could arise?
- 3. Suggest at least one potential way of addressing each of the issues you listed.

# Case Study 2: High/Adult Name \_\_\_\_\_\_ Date\_\_\_\_\_ Case Study

Security in Cyber Space

Full story can be read at: <a href="http://www.marketwatch.com/story/the-rise-of-identity-theft-one-mans-nightmare-2010-02-10?pagenumber=1">http://www.marketwatch.com/story/the-rise-of-identity-theft-one-mans-nightmare-2010-02-10?pagenumber=1</a>

# Identity fraud nightmare: One man's story

Crouse was once an avid fan of online shopping and banking. The Maryland resident with an \$80,000 a year construction-industry job, would auction items on eBay.com, download songs from iMesh.com and often used his debit card like a credit card. While suspicious activity in his account started with small charges of \$37 or \$17.98, charges soon escalated, sometimes adding up to over \$500 per day. Over \$22,000 dollars was charged to his debit card in six months.

He decided to open a new account at a new bank but by the next day the account got hit with a \$1,100 charge. The new bank told him it was keystroke malware that had likely done him in. The thief had hacked into one of the sites he visited regularly, his computer got infected and picked up all his personal information by tracking every key he struck.

Crouse, who has an organizational psychology PhD, had worked previously with both the FBI and Secret Service. When he got laid off from his construction-industry job he thought he would toss his hat back into his previous line of work. While his interviews went well, he kept getting turned down for contract jobs. Finally he learned why. His credit reports were poor and his financial debts were increasing all due to the identity theft. At the time of this story, Crouse was still trying to get out of a mountain of debt and had to take a lower paying job because he lost his security clearance.

# Questions for participants to answer.

- 1. Underline or highlight all questionable practices that you noted in the case study.
- 2. Suggest strategies to share with others to help reduce the chance of this happening.

# **Extension Activities 1**

# **Discussion topics:**

Do any participants have first-hand knowledge of someone whose personal information was used? If so, have them share.

- Should changes be made in business practices to help stop identity theft? If so, what?
- Are consumers the only victims?
- Are consumers completely responsible for this problem?
- Why do identity thieves steal people's identity?
- What do you think victims feel like after having their identity stolen?
- What are several ways identity thieves can "steal" information?
- For each of the ways listed above, suggest possible solutions.
- What can YOU do to help combat this crime?
- What are some ways a thief could try to trick you into giving him/her your personal data/information?
- Why do you think different studies and surveys, about the number and types of victims, vary so much?
- Share 1-2 things you plan to do to safeguard your identity against theft (or your child's identity).

## Projects:

Based on your own experience or someone you know (you may need to interview classmates, an adult or parent), write a paragraph regarding their identity theft experience. When did it happen? What happened? Why did it happen? Did it occur through electronic or non-electronic means? How and when did they realize their identity had been stolen? What type of damage did it cause? What could have prevented it?

- Survey a group of classmates or friends regarding identity theft. You can make up your own quiz from
  what you learned during this unit or use the parent quiz included in this unit. Or you could also send
  them to <a href="http://www.sonicwall.com/furl/phishing/">http://www.sonicwall.com/furl/phishing/</a> to test their knowledge. Use charts, tables and
  graphs to share your results. Write a paragraph on your findings.
- Research the history of the Social Security number. What's the purpose? When did it first start? Who
  got the first card? Whose SSN was most stolen? How is your SSN determined? When are you required
  to apply for a SSN? Why do some people get a SSN before their first birthday and when was that
  procedure started.
- Make a list of at least five popular scams and five popular hoaxes and explain them to your classmates.
- Research several surveys or studies on identity theft and explore the impact of this crime at both the
  individual victim and societal level.

# **Extension Activities 2**

# **Projects continued:**

- Research the most recent malware attacks that have been tied to identity theft. How did they work?
   Who did they target? Who or how many victims did they effect? What vulnerability was exposed?
   What would have been possible solutions to counter the malware?
- Create a presentation for your class, another class or PTA group about identity theft and tell them
  what they need to know about this crime. If possible create a PowerPoint presentation. Start with a
  few basic statistics and facts to grab their attention. Include the following: assessing the dangers of
  identity theft, sharing different ways identity thieves obtain personal information, explaining the
  consequences of identity theft, sharing methods to minimize the risk of identity theft, listing warning
  signs of identity theft, and plans or next steps to help deter and minimize the loss in the event of an
  identity theft.
- List 5 to 7 characteristics of a strong password. Make a list of passwords and as a group walk through the characteristics the group created. Will it be easy to guess? Is the password a real word that can be found in the dictionary? Is it at least 8 to 10 characters? Is it a password, passphrase or pass pattern? Does it include upper and lower cases? Numbers and symbols? Will it be easy to remember?
- Research the security of your personal e-mail account. Create a list of e-mail settings. Which of these
  would you consider to be the most critical? Least critical? Examine your (and/or your child's) personal
  e-mail settings. How do you measure up? How could you improve your e-mail account settings? Write
  a short paper or create a presentation sharing your findings.
- Research the differences between identity theft protection services and malware protection services.
   What can identity theft protection services do besides checking on credit scores?
- Research the types of career options that are associated with the reduction and alleviation of identity
  theft? Consider Information Technology, secure programming, computer science, Information
  Systems, forensic sciences, law enforcement, privacy officers and advocates, fraud investigators, digital
  crime/law and legislators. Why is each important?

# **Take Home Quiz**

Identity thieves use many ways of getting your personal financial information so they can make fraudulent charges or withdrawals from your accounts. Do you know how you can reduce the risk of becoming a victim of identity theft?

Take the simple quiz, and see how you score.

Have your child share what they have learned through their *Identity Smart Unit*. Then take the time to review some of the topics below.

Give yourself 1 point for each item you check off indicating a strategy you take.

Points		
	1	When I keep my ATM cards and credit cards in my wallet or purse, I never write my PIN (Personal Identification Number) on any of my cards or sticky note inside the wallet or purse.
	2	When I leave my house, I take with me only the ATM and credit cards I need for personal or business purchases.
	3	When I get my monthly credit-card bills, I always look carefully at the specific transactions charged to my account before I pay the bill.
	4	When I get my monthly bank statements, credit-card bills, or other documents with personal financial information on them, I always shred them before putting them in the trash.
	5	When I get mail saying I've been preapproved for a credit card, and don't want to accept or activate that card, I always shred the preapproval forms before putting them in the trash.
	6	I request a copy of my credit report at least once a year.
	7	If I think that I may be a victim of identity theft, I would immediately contact the FTC to report the situation and get guidance on how to deal with it.
	8	I regularly update not only my operating system software, but my browser, applications and plug-in software.
	9	I use a separate password for purchasing transactions and all my passwords are changed often, have at least 8 or more characters, and include numbers, symbols and upper and lower cases.
	10	I understand the fastest growing sector of identity theft is <i>child identity theft</i> .  Therefore, I have talked to my child about identity theft strategies like limiting the amount of personal information online, and I have checked my child's credit rating.
	TOTAL	

How did you measure up?

# **Identity Theft Quiz: Answer explanations**

- 1. Reason: If you lose your ATM or credit card, identity thieves or other criminals can have instant access to your bank or credit-card account.
- Reason: If your wallet or purse is lost or stolen, and you're carrying fewer cards, you'll have to make fewer calls to banks and credit-card companies to report the losses and the odds of fraudulent charges in your name will be lower.
- 3. Reason: Someone who gets your credit-card number and expiration date doesn't need the actual card to charge purchases to your account. If you don't look closely at your credit-card statement each month, you might not have any recourse if fraudulent transactions go through and you don't dispute them promptly with your credit-card company. As soon as you see unauthorized charges on your statement, contact the credit-card company immediately to report them.
  - Limit your liability. For credit cards, your limit of liability is only \$50 if you report the fraudlent activity within 60 days. For debit cards, your limit of liability is \$50 if you report the fraudulent activity within 2 business days. If you report between 3-60 days then your limit of liability is \$500. After 60 days the financial institution doesn't have to reimburse you.
- 4. Reason: Some identity thieves aren't shy about "dumpster diving" literally climbing into dumpsters or rooting through trash bins to look for identifying information that someone threw out. Buying and using a shredder on your home or office is an inexpensive way to frustrate dumpster divers and protect your personal data.
- 5. Reason: If you throw out the documents without tearing them up or shredding them, "dumpster divers" can send them back to the credit-card company, pretending to be you but saying that your address has changed. If they can use the account from a new location, you may not know the account's being used in your name
- 6. Reason: Any consumer can request one free copy of his or her credit report per year. Reviewing your credit report can help you find out if someone has opened unauthorized financial accounts, or taken out unauthorized loans, in your name. Go to <a href="www.annualcreditreport.com">www.annualcreditreport.com</a> to request a copy for you and your children.
- 7. Reason: Identity theft is a crime under federal law, and under the laws of more than 44 states, that carries serious penalties including imprisonment and fines. To help law enforcement in investigating and prosecuting identity theft, the Federal Trade Commission (FTC) maintains a national database of complaints by identity theft victims. The FTC, through a toll-free hotline (1-877-ID-THEFT), can also help you decide what steps to take in trying to remedy the situation and restore your good name and credit. Credit bureaus should also be notified so that they can flag your credit report. Local police, by taking a report and providing you with a copy, can help you show creditors that an identity thief has been conducting certain transactions in your name and without your permission.

- 8. Reason: Unpatched software with security holes that have not been plugged place serious vulnerabilities inside your computer, holes that criminals are continually seeking to exploit. Criminals can probe for such vulnerabilities using automated tools that can probe thousands of computers an hour. With a variety of software systems running it's not enough to just update the operating system. Take the time to have updates applied automatically or regularly update software yourself.
- 9. Reason: Programs to crack passwords or read them from the network are readily available. In order to limit the risk of your password being cracked, it should be at least 10 characters long and include letters (both upper and lower case), digits and symbols. This makes it harder to "crack"—efforts are usually drawn to the lowest hanging fruit. You should change your password regularly and always after a trip where you could have exposed your password at a remote site.
- 10. Reason: It's difficult to estimate exactly how many children lose their identities since the crime can go undetected for years. Reasons include: (i) a child's identity is a blank slate, and the probability of discovery is low, as the child will not be using it for a long period of time; (ii) parents typically don't monitor their children's identities; and (iii) kids are active online and often give out too much information.

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In today's always-connected world where we all bank, shop, post, email, download and upload, your personal information is everywhere. Your employer has it. Your doctor has it. Anytime you use a computer, go online or use a mobile device, you're at greater risk of identity theft. And, with more and more technology along with an increasing number of data breaches, it's becoming more difficult to keep your personal information safe.

## LifeLock provides 3 layers of protection

## 1. Detect

We monitor over a trillion data points 24/7/365, searching for identity threats to our members.

#### 2. Alert

With the patented LifeLock Identity Alert® system, as soon as we detect a threat to your identity you'll be notified FTC-0001293

Send us an email

Secure login

by text, phone or email, to help stop criminals before they do damage to your identity. †\*\*

#### 3. Restore

If your identity is ever compromised, our Certified Resolution Specialists will handle your case every step of the way. And it's all backed by our \$1 Million Total Service Guarantee.<sup>‡</sup>

LifeLock membership protects you in ways credit monitoring, banks and credit card companies just can't. It's protection beyond what you can provide by yourself. Enrollment takes only minutes and your protection starts immediately.

# **Identity Theft 101**

Understanding identity theft and how it can affect you





# **How LifeLock Works**

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Learn more



# Choose the Right Level of Protection

Compare our products and see what's right for

You Learn more



- 1. Network does not cover all transactions
- "Fastest alert requires member's current email address.
- # Most comprehensive protection requires LifeLock Ultimate® membership.
- <sup>‡</sup> The benefits under the Service Guarantee are provided under a Master Insurance Policy underwritten by State National Insurance Company. As this is only a summary please see the actual policy for applicable terms and restrictions at LifeLock.com/legal.

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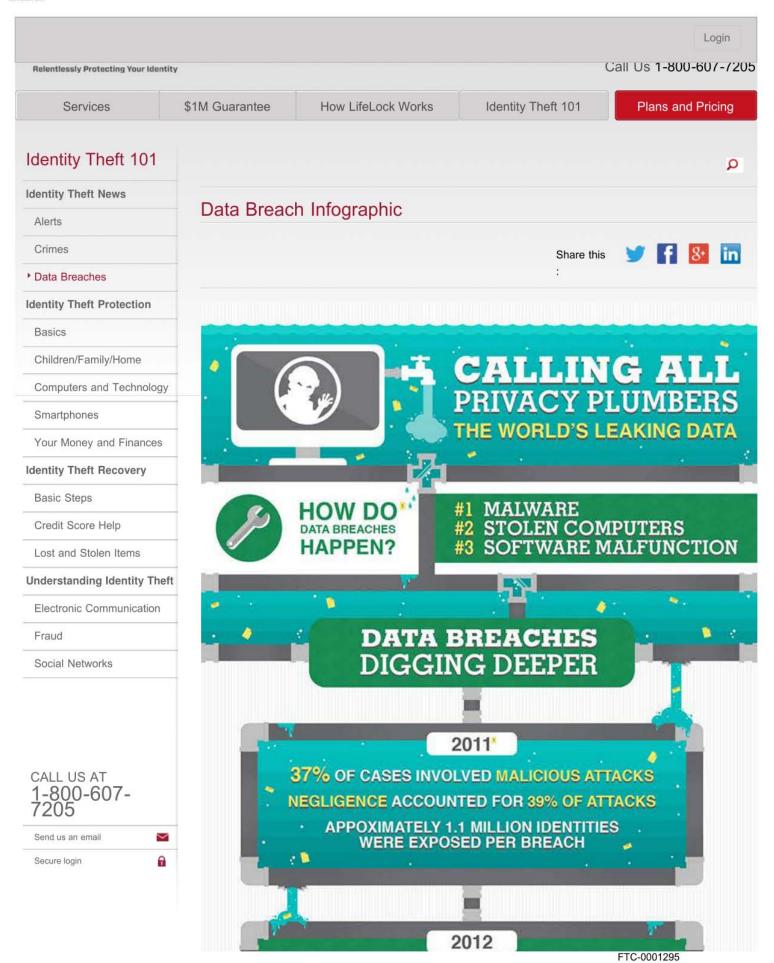


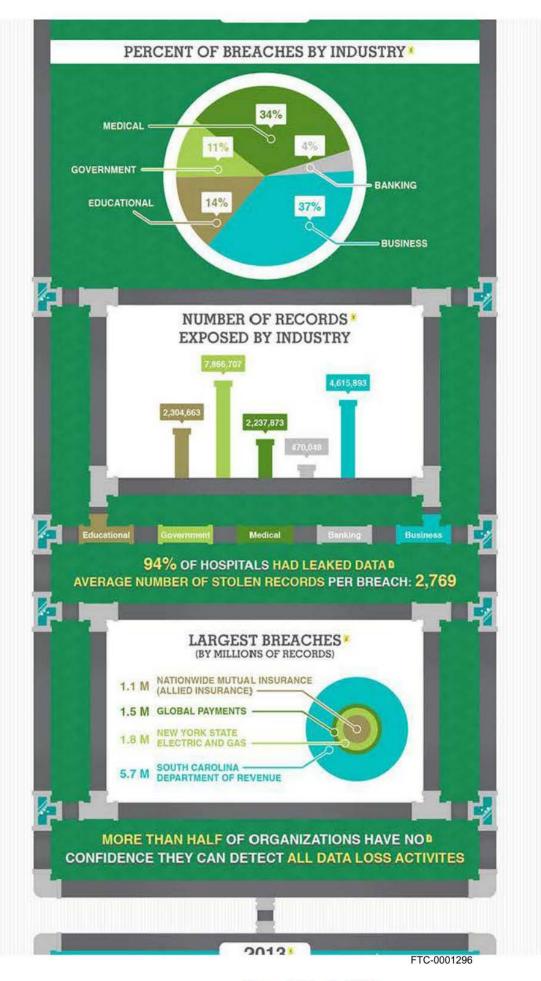
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- [2] http://www.symantec.com/threatreport/
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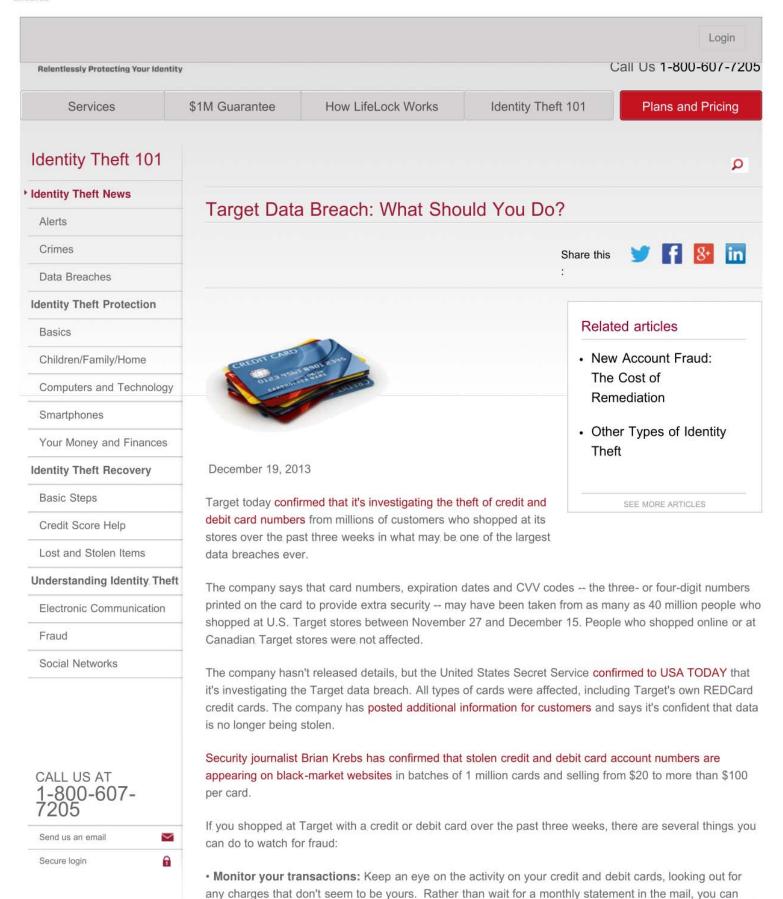


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FTC-0001299

monitor transactions every day using the card issuer's website or a transaction-monitoring tool like LifeLock

Wallet™.

- · Report suspicious transactions immediately: If you see something that doesn't look right, contact the card issuer immediately. The phone number is on the back of your card.
- · Watch your credit reports: You can get a free credit report from each of the three major U.S. credit bureaus each year, and you can pay for more frequent access. Get more information from the Federal Trade Commission.
- Act fast: If you believe you're the victim of identity theft, there are several immediate steps you should take. If you're a LifeLock member and think you've been a victim, call our Member Services team for assistance at 1-800-LifeLock.
- Follow the story: Target and the Secret Service are still investigating this data breach. We'll share more information when it becomes available.

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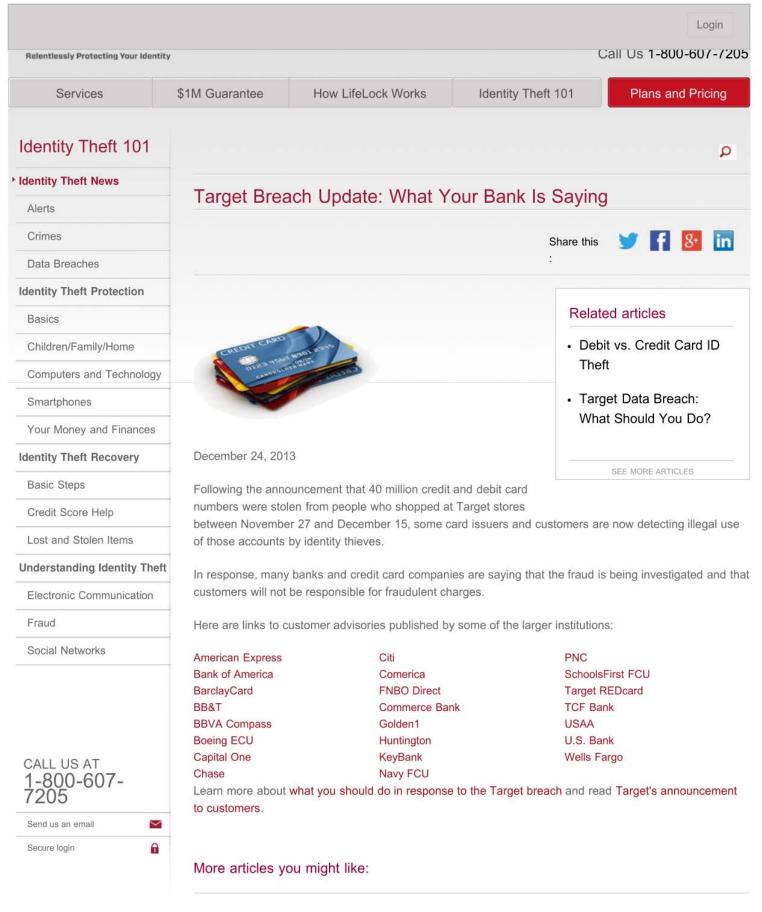












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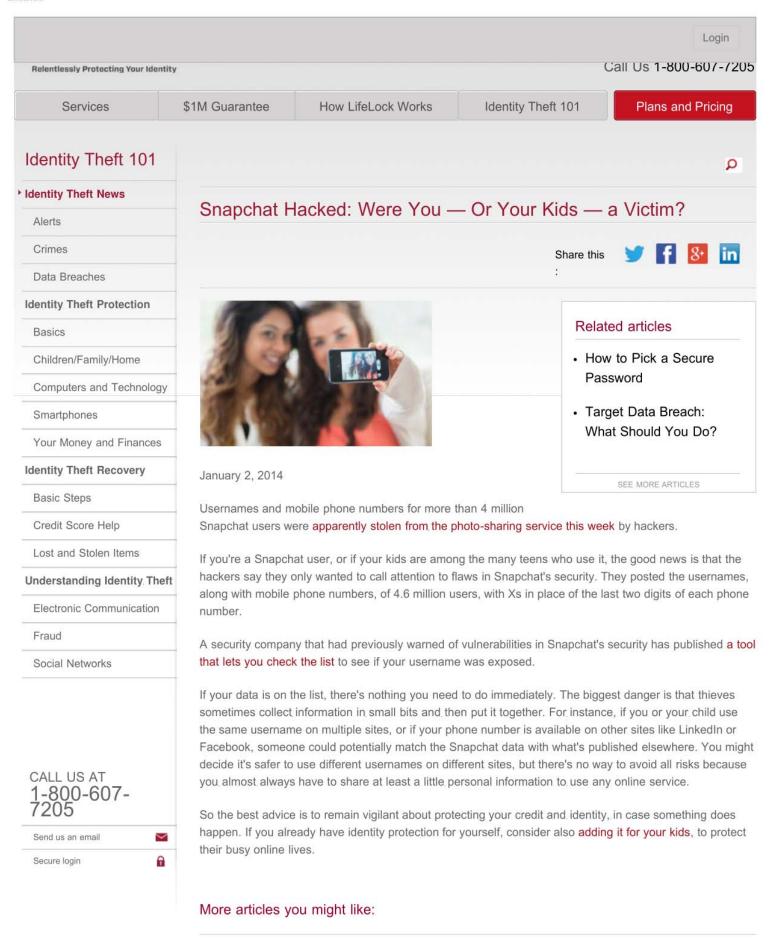














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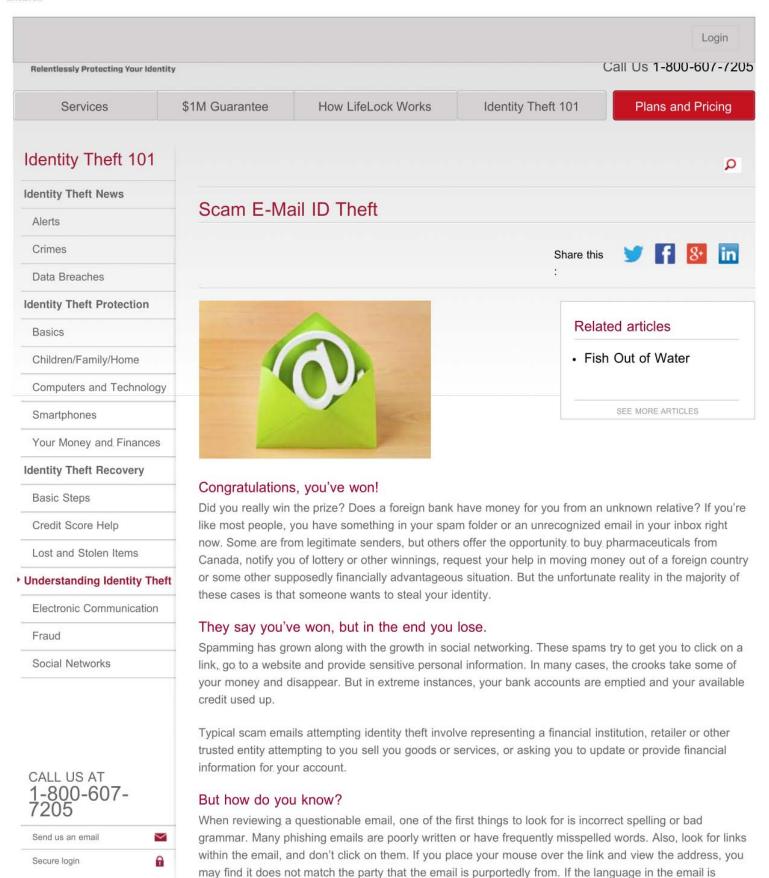












FTC-0001305

threatening, alarmist, requires you to do something immediately or promises you money with little or no effort on your part, think again. Most banks and other legitimate businesses and organizations do not send

emails requesting important personal information.

#### Make common sense more common.

If you receive an email from a financial institution or company you have an account with, and it requests urgent action, simply place a call to the company using a number on a statement or card to see if it is a valid request. If you receive notice of a package containing money, or that you've won a lottery or are asked to accept a foreign funds transfer, realize that no money would need to be paid nor any sensitive information required if it were legitimate.

<sup>†</sup> Federal Trade Commission. "Consumer Sentinel Network Data Book For January – December 2011." February 2012.

<sup>†</sup> Javelin Strategy & Research. "2012 Identity Fraud Report: Social Media and Mobile Forming the New Fraud Frontier." February 2012.

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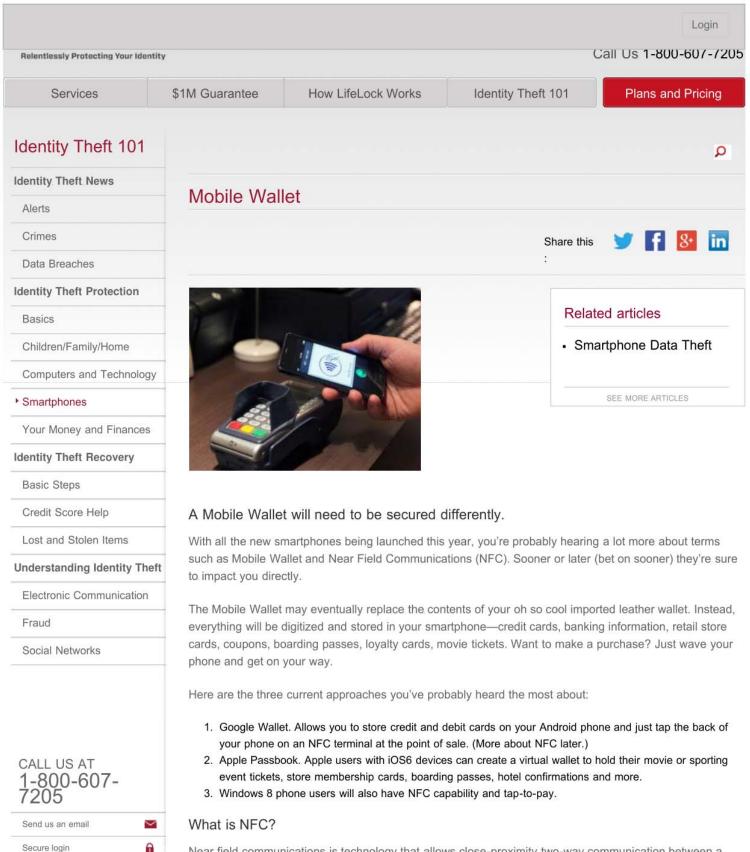


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Near field communications is technology that allows close-proximity two-way communication between a mobile device and an NFC enabled payment terminal. Actual field implementation is still limited but mobile commerce is expected to increase over time.

How is all this connected to security and identity fraud?

The more personal information you have on your phone, the more secure it should be. According to the February 2012 Identity Fraud Survey Report by Javelin Strategy & Research, smartphone users are 35% more likely to experience fraud than the average consumer. That's huge. And if you're already 35% more likely to experience fraud because of your smartphone, what happens when you store even more financial information on it?

Begin with these steps to make your smartphone more secure.

- Create an access password for your phone
- Log out of open apps
- Be careful about downloading free apps from app stores you're not familiar with, they could contain malware
- Don't post personal information on social sites
- Monitor your credit card use and promptly check your statements

A mobile wallet may become a real convenience for you, but take some extra precautions so it isn't equally convenient for an identity thief.

- <sup>†</sup> Federal Trade Commission. "Consumer Sentinel Network Data Book For January - December 2011." February 2012.
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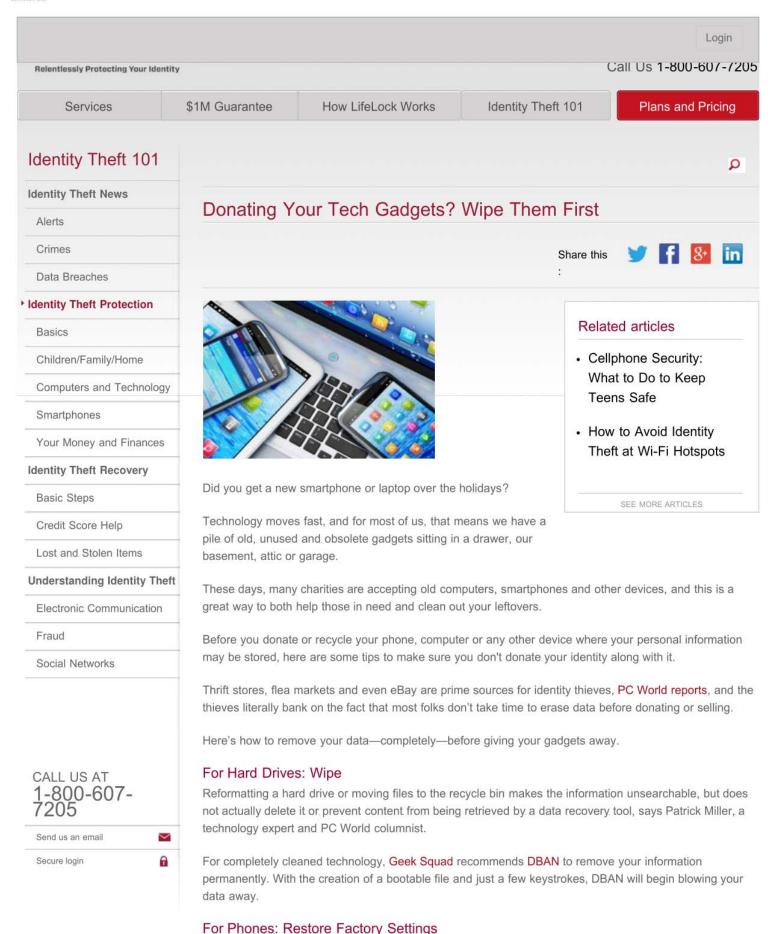


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An article from FoxNews.com details the types of personally embarrassing and damaging information that people leave on their cellular devices before giving them away.

Embarrassing is one thing. (An iPhone bought on Craigslist reportedly still had a text from its user admitting, "I'm talking about dressing up like a woman for Black Friday [for the] sympathy.") But ID thieves armed with so-called forensic technology are also able to dig up Social Security and credit card numbers, user names and passwords.

Two forensics technology experts—Andrew Hoog, chief investigative officer at viaForensics, and Lee Reiber, director of mobile forensics for AccessData—offered smart tips to FoxNews.com to wipe sensitive data from your devices before you donate them.

- 1. Restore the device's factory settings. There should be a "reset" option in the settings applications.
- 2. Remove your Subscriber Identity Module (SIM) and Secure Digital (SD) cards. Data is stored there.
- 3. Run updates on the phone's operating system to wipe out a large portion of the data found in the phone's file system.

Be sure to read your owner's manual and back up your data safely and securely before erasing anything.

### Apple Products

According to Apple, you can delete settings and information from your iPhone, iPad, or iPod touch using "Erase All Content and Settings" in Settings > General > Reset.

This could take a while, so make sure your device has a full charge before beginning. If there is not a full charge, connect it to power until the process is finished.

For Mac computers, Macworld advises to start Disk Utility in the Utilities folder, and choose the drive you'd like to erase from the left side of the window. Click Erase and then Security Options—there will be four choices ranging from the least secure option (Don't Erase Data) to the most secure (35-Pass Erase).

### Buyer Beware, Too

If you buy a used device, take precautions. "You need to go through the steps like it's yours to get rid of that data," Reiber told FoxNews.com. Something criminal left on the device could prove incriminating for the new owner, he said.

So if your new phone still has the previous owner's data, delete it right away.

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which I think is ridiculous. Where were the privacy laws when they took my 3-year-old's Social Security number?" Violet Saffell told Fox23.

More commonly identity thieves will use a child's Social Security number to open new accounts, which may FTC-0001313

not come to light until the child is older and tries to rent an apartment or get a credit card. The Cylab study of about 40,000 children found 537 whose identities were tied to mortgages or foreclosures. The youngest victim in the study was 5 months old.

Stephanie McManis is 31 years old, yet she still receives collections calls and lawsuit threats about accounts opened under her name by identity thieves when she was only 12 years old, according to the Huffington Post.

There are many other stories like McManis's, whether the result of someone hacking a school district's computers or the child's own family members violating their trust. In Florida, the nation's hotspot for identity theft of any stripe, about 50,000 kids a year are victims of identity theft to the tune of \$100 million annually, the Orlando Sentinel reports.

To help combat this problem, many states are drafting legislation to protect children from ID thieves. A new bill in Florida similar to an existing Wisconsin law proposes that parents and guardians would be able to open a file with one of the major credit bureau's in their child's name and then put a lock on it to keep potential fraud at bay.

Such laws are on the books already in Delaware, Oregon and Maryland with Texas and Illinois also considering similar laws. There's a national law already in place that requires credit checks on older foster children and offers help in resolving credit disputes and identity theft problems, since foster children are particularly vulnerable to this kind of violation.

Experts agree parents need to vigilantly guard their children's personal information and recommend monitoring their identities as well. Unfortunately, children who've had their identities stolen by their parents may be left to sort through these problems later as adults.

Marcia Simmons is a freelance writer living in the San Francisco Bay Area. Her work has appeared in Every Day with Rachael Ray, Shape, Go, Geek, among other publications. She has also served as managing editor for the North Bay Business Journal and an editor for the Project Censored series of books.

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That's why Congress passed a law in 2011 requiring child welfare agencies to get annual credit reports for foster children starting when they're 16 and help them clear up any inaccurate information. The U.S. Department of Health and Human Services estimates there are 74,000 foster children in the U.S. age 16 and older.

Children under the age of 18 aren't even supposed to have credit reports — in most cases, they're too young to get credit cards or enter into other contracts. But all too often, the credit reports — with erroneous and fraudulent histories — are there.

"We know it's an issue nationwide," said Karen Barney with the Identity Theft Resource Center. "It totally wrecks your credit, especially when it comes to getting into college.

A 2013 report by the Annie E. Casey Foundation estimated that 5 percent of foster children aged 16 and older have some form of bad credit.

Recently, the Consumer Financial Protection Bureau published template letters that caseworkers can send to credit bureaus to report errors in foster children's credit reports.

"The Bureau is very concerned about foster care children's vulnerability to credit reporting problems that can wreak financial havoc for them," said Richard Cordray, director of the Consumer Financial Protection Bureau, in a statement. "We want to help ensure that youth leave foster care with clean credit so that they have a firm foundation for their financial future."

Bad credit can make it difficult for former foster children to rent an apartment, get student loans, get a job and buy a car, according to the Annie E. Casey report.

The new tools released by the Consumer Financial Protection Bureau include letters caseworkers can send credit agencies to notify them that a credit report wrongly exists for a minor or that there is an error in a foster child's credit report.

The Consumer Financial Protection Bureau also recommends that foster care caseworkers educate children on the importance of good credit and how to maintain it.

Drew Himmelstein is a writer and digital storyteller based in San Francisco. Her work has appeared in the San Francisco Chronicle, Dwell Magazine, American Craft and on NPR, and she is a former editor at Patch.com. She holds a master's degree in journalism from University of California, Berkeley.

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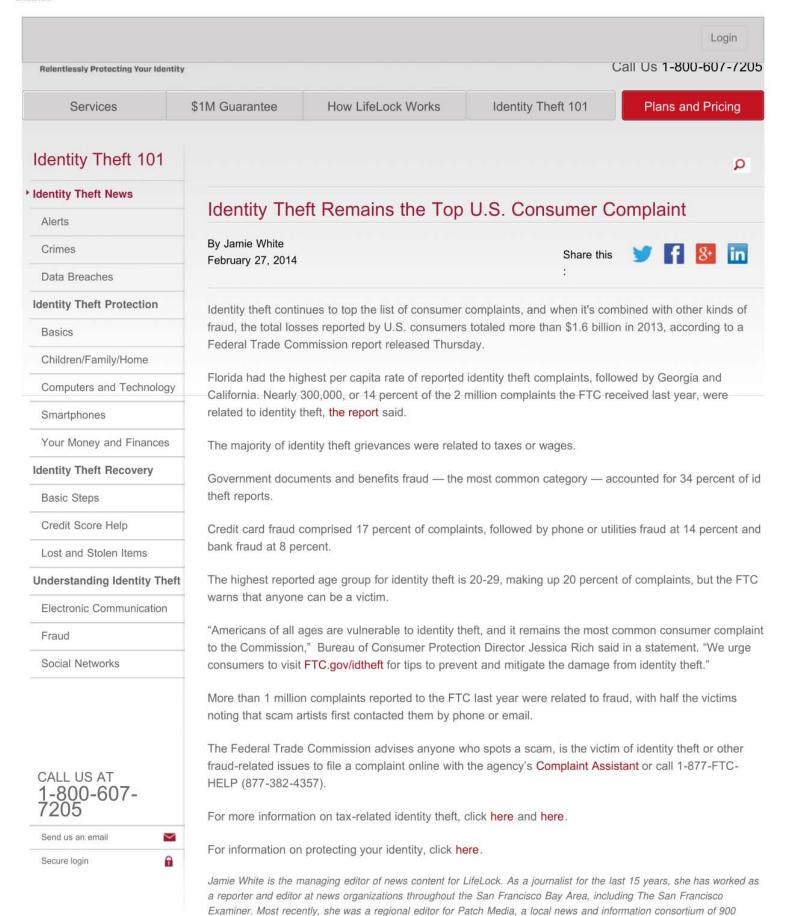












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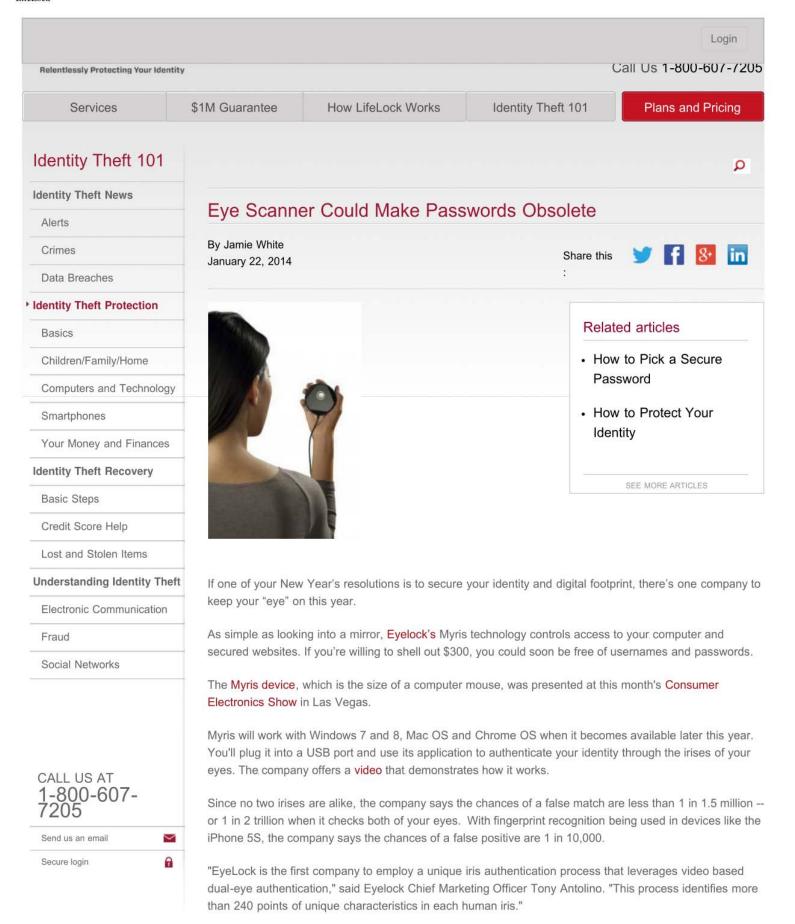












Myris will be available in the first half of this year for less than \$300, Antonlino said.

Jamie White is the managing editor of news content for LifeLock. As a journalist for the last 15 years, she has worked as a reporter and editor at news organizations throughout the San Francisco Bay Area, including The San Francisco Examiner. Most recently, she was a regional editor for Patch Media, a local news and information consortium of 900 websites nationwide. Jamie holds a master's degree from Columbia University's Graduate School of Journalism.

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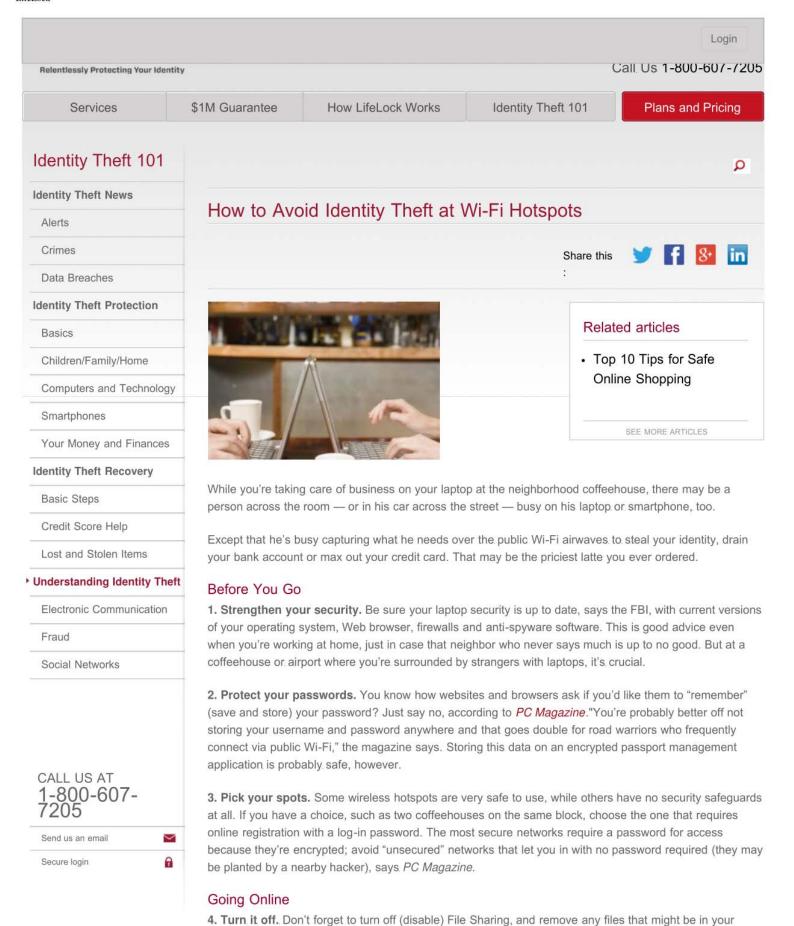












Shared Documents or Public folder, according to About.com's mobile office technology expert, Melanie

Pinola. Also, disable your ad-hoc wireless network if you use an intranet network through your employer.

- 5. Select the right network. When you choose among Wi-Fi networks, manually select one after changing the default setting (if necessary) on your laptop, says the FBI. Choose "Public" or "Public Network" if your computer gives you that option. (Public Network locations block file and printer sharing from potential data thieves.) Of course, be sure you connect to a known network, not just the one with the most bars.
- **6. Use a VPN.** If you don't already use a Virtual Private Network (VPN) during Wi-Fi sessions on your home or work computer, consider it now. According to *PC Magazine*.

VPNs keep your data and communications in a "virtual tunnel ... secured against anyone who may try to intercept your Web session while connected to a public hotspot."

## Playing It Safe

7. Surf with care. Avoid financial transactions like online banking and e-commerce.

If you can, also limit or avoid instant messaging and checking Web-based email because they may not be encrypted. In general, don't go to sites that may not be secure (secure sites begin with "https") or that may reveal sensitive information. Wait until you get home.

8. Watch your back. Even if you take all of these steps, don't forget about "brick-and-mortar" theft. Some identity thieves "shoulder surf" in crowded places: sitting beside or behind you while hoping you'll type your credit-card number or a key password. Change tables if you're suspicious. Or they may simply snatch your laptop.

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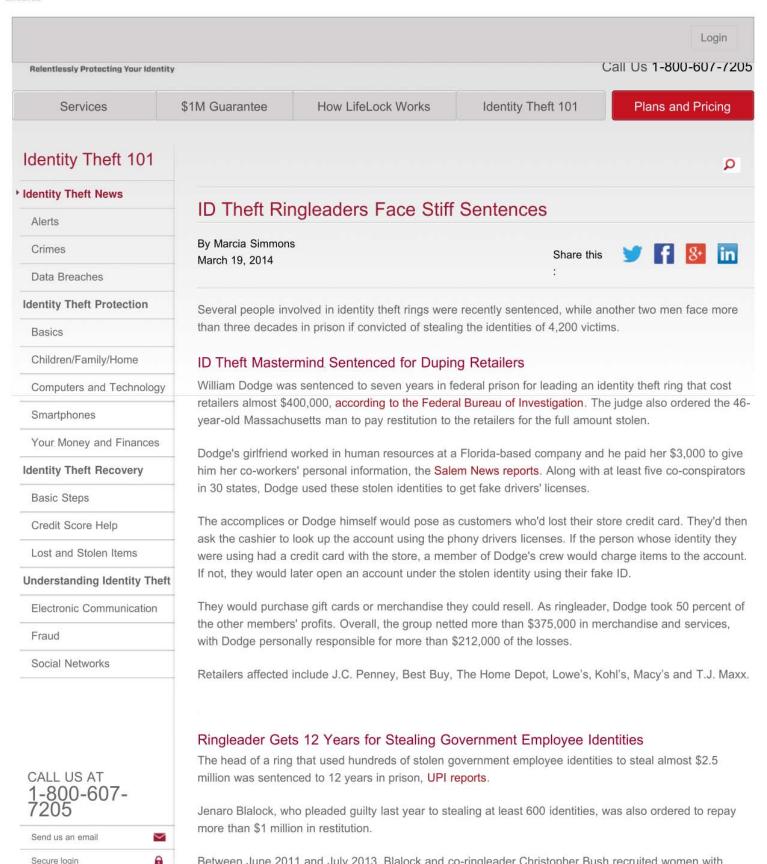












Between June 2011 and July 2013, Blalock and co-ringleader Christopher Bush recruited women with access to employee data from the State Department, the Pentagon and the U.S. Agency for International Development to hand over identity information from their employers.

Blalock, 31, and his theft ring then used the information to make fake driver's licenses, get retail credit

cards and rent cars and then sell them on the black market with altered vehicle identification numbers.

Bush was sentenced in January to 10 years in prison for his role in the scams.

### Tijuana-Based ID Theft Ring Indicted for Hacking Mortgage Broker Servers

Two men were indicted for their suspected role in a Tijuana-based conspiracy that hacked computer servers of a U.S. mortgage broker to steal customer information and siphon funds from thousands of customer accounts, according to the Federal Bureau of Investigation.

California residents Jason Ray Bailey and Victor Alejandro Fernandez were charged with conspiracy to commit wire fraud and computer hacking. Authorities say the men impersonated the mortgage broker's customers, and then used their stolen personal information to open credit lines in their names and take their assets.

After gaining control of the accounts, Bailey and Fernandez allegedly wired funds from the victims' brokerage accounts to U.S. bank accounts in the San Diego and Calexico areas. Some of these wires were for more than \$20,000 and \$30,000 each.

About 4,200 customers had their information stolen between December 2012 and June 2013, and the conspiracy dates back to July 2011.

Bailey and Fernandez, both 38, pleaded not guilty and are scheduled for a motion hearing and trial setting conference on April 11.

If convicted, both men face up to 35 years in prison and a fine of \$1.25 million in the case.

Marcia Simmons is a freelance writer living in the San Francisco Bay Area. Her work has appeared in Every Day with Rachael Ray, Shape, Go, Geek, among other publications. She has also served as managing editor for the North Bay Business Journal and an editor for the Project Censored series of books.

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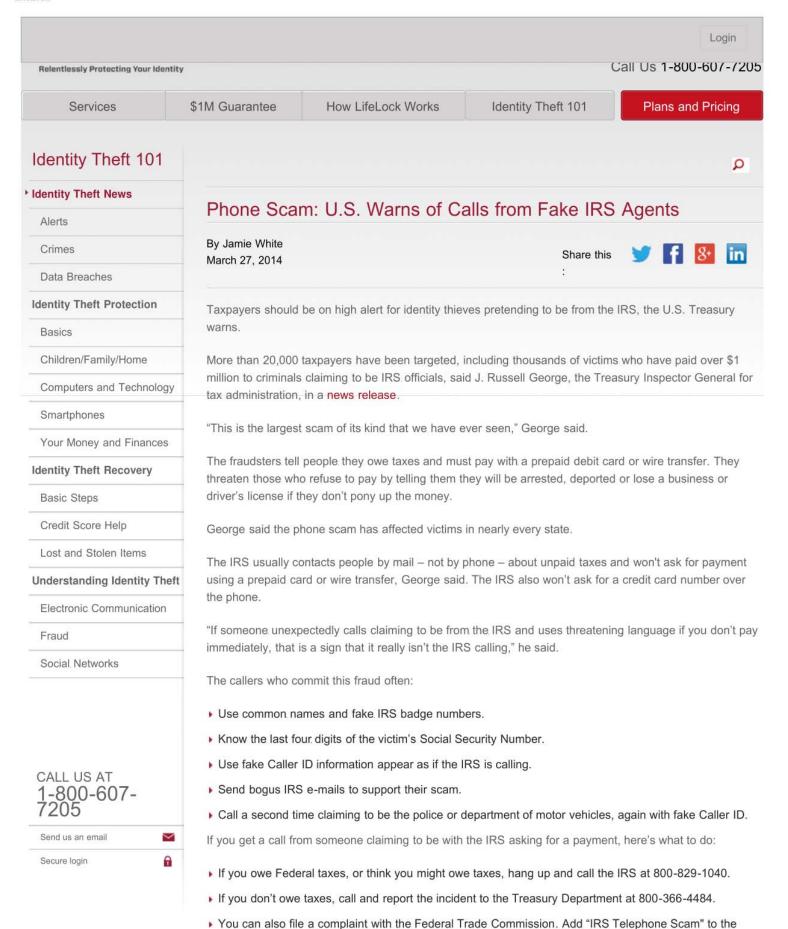












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comments in your complaint.

The IRS offers more information about various kinds of tax scams on its website.

Jamie White is the managing editor of news content for LifeLock. As a journalist for the last 15 years, she has worked as a reporter and editor at news organizations throughout the San Francisco Bay Area, including The San Francisco Examiner. Most recently, she was a regional editor for Patch Media, a local news and information consortium of 900 websites nationwide. Jamie holds a master's degree from Columbia University's Graduate School of Journalism.

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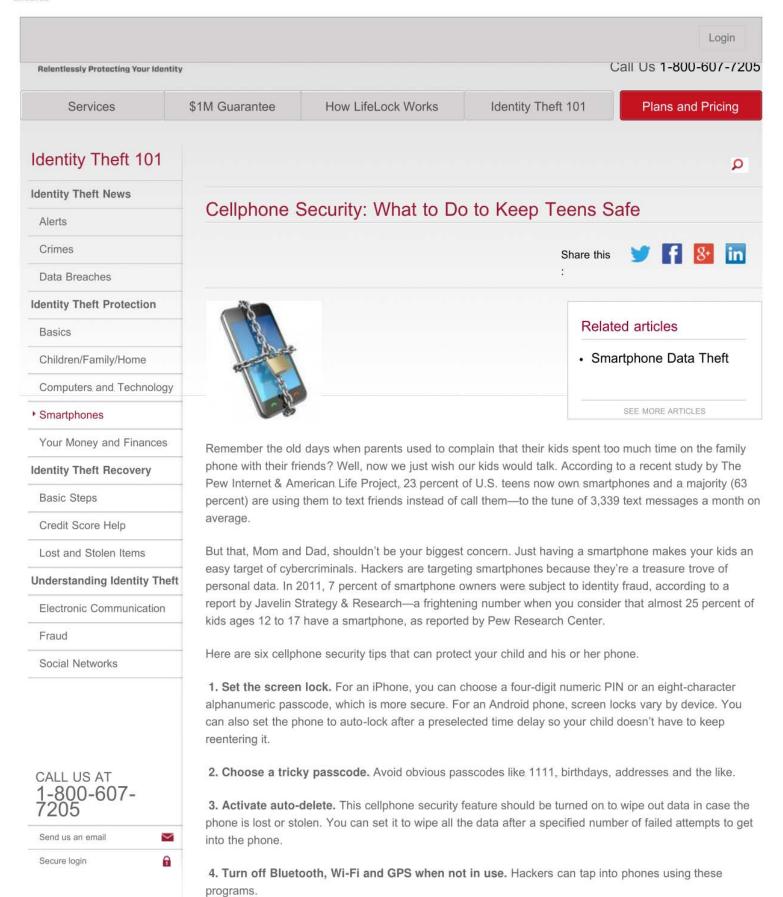












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5. Get the updates. Operating system updates usually include cellphone security patches, so install them

right away.

**6. Download applications only from reputable sites.** The iPhone apps are vetted by Apple and usually secure, but Android apps can come from anywhere—including cybercriminals. Be sure to read the permissions list and see what you might be agreeing to.

Sources:

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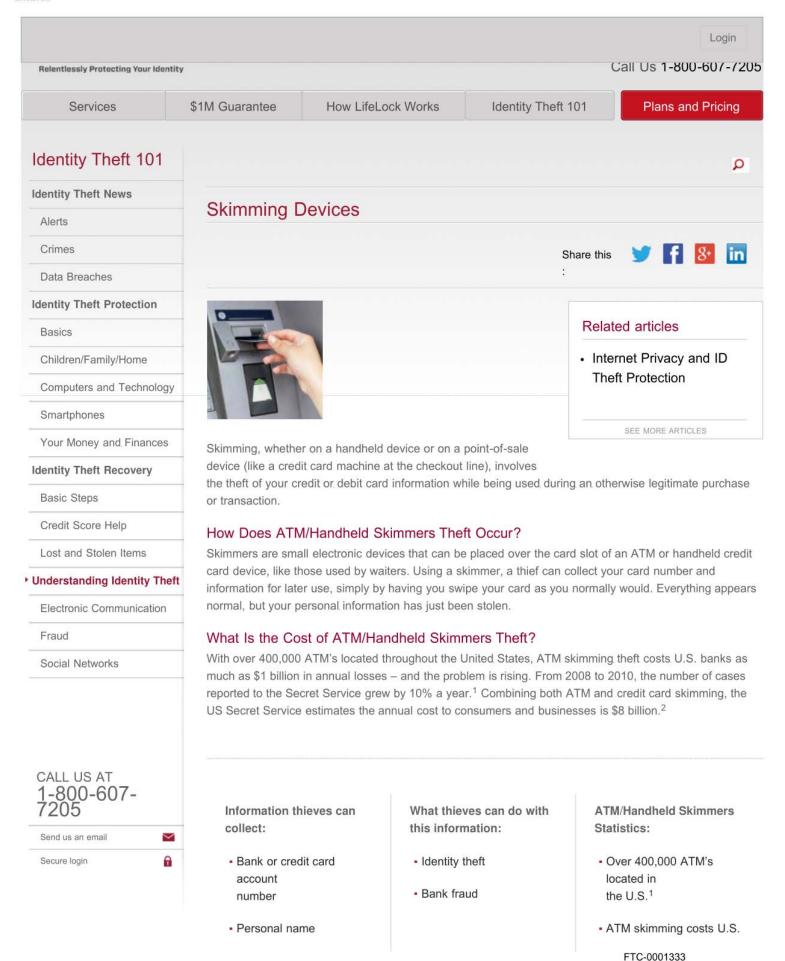


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PINs

banks almost \$1 billion annually.<sup>1</sup>

- Cases reported to the Secret
   Service has grown 10% for the past 3 years.<sup>1</sup>
- Total annual loss of ATM and credit card skimming is \$8 billion.<sup>2</sup>

- <sup>†</sup> Federal Trade Commission. "Consumer Sentinel Network Data Book For January December 2011." February 2012.
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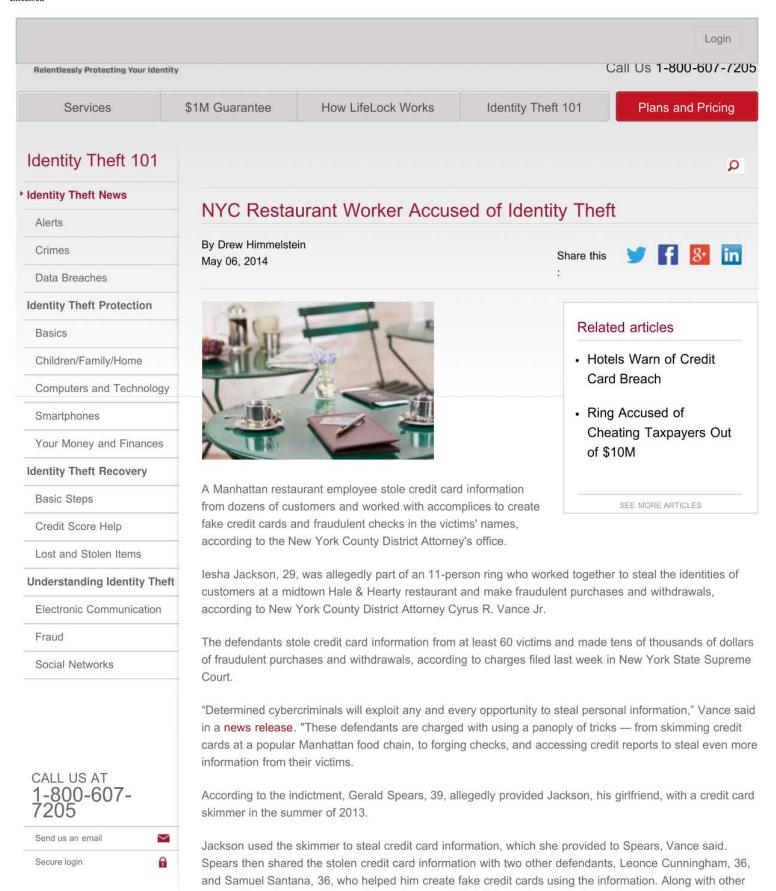
<sup>&</sup>lt;sup>1</sup>http://www.time.com/time/magazine/article/0,9171,2041113,00.html

<sup>2</sup>http://www.informationweek.com/news/security/vulnerabilities/showArticle.jhtml?articleID=228000267









accomplices, they used the cards to make over \$90,000 in purchases, including jewelry, designer clothing

FTC-0001336

and cash advances from a Yonkers casino, according to Vance.

Spears, Santana and other members of the ring also allegedly created counterfeit checks payable to an accomplice, drawing more than \$50,000 from victim's bank accounts, Vance said.

Between 2011 and 2013, Santana used stolen information to order credit reports on additional victims, Vance said. Working with accomplices, he used the information he gathered to make fraudulent withdrawals from victims' accounts and open new credit cards in their names, according to Vance. The defendants made more than \$20,000 in unauthorized withdrawals, Vance said.

The 11 defendants face multiple charges of identity theft, fraud, grand larceny and forgery.

Law enforcement officials advise consumers to order yearly credit reports, keep financial information secure and to not respond to unsolicited emails from strangers in order to avoid becoming victims of identity theft.

Drew Himmelstein is a writer and digital storyteller based in San Francisco. Her work has appeared in the San Francisco Chronicle, Dwell Magazine, American Craft and on NPR, and she is a former editor at Patch.com. She holds a master's degree in journalism from University of California, Berkeley.

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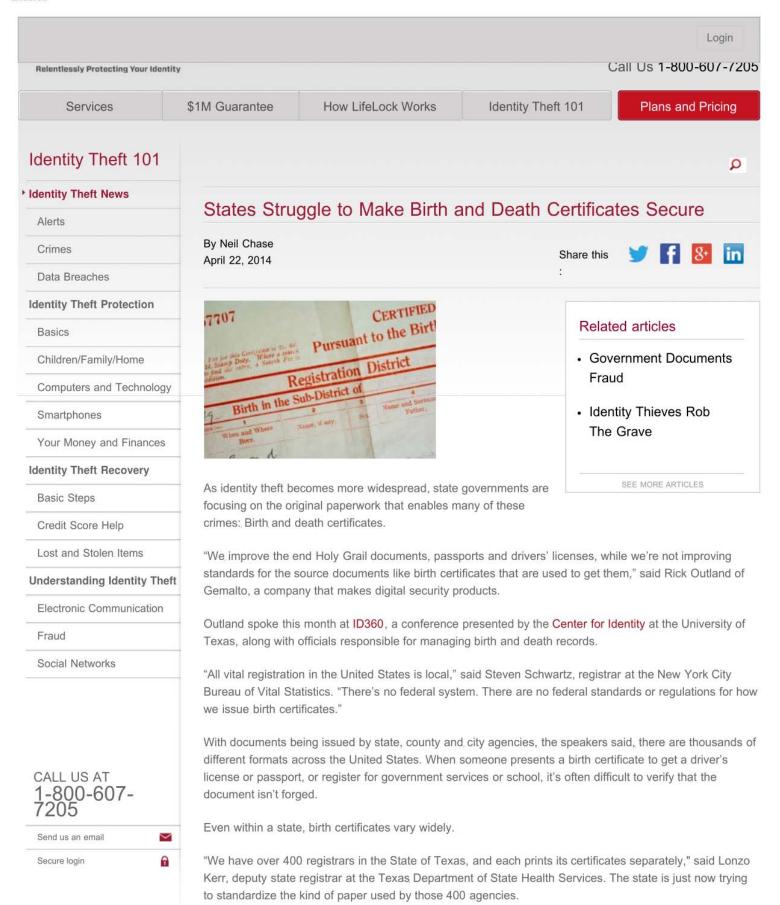


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Even when the document is issued by an official agency, it may not be authentic. In 2000, Kerr said, a

rogue employee in a registrar's office created more than 300 "official" birth certificates that were fraudulent and sold them to identity thieves for as much as \$10,000 each.

Day-to-day uses of a birth certificate can also expose it to fraud. The office staff at a school, a summer camp director or the volunteer coach of a Little League team will have copies of birth certificates, often stored in haphazard ways, said Greg Sirko of VitalChek, a company that helps states distribute vital records. "We sort of created a system that lends itself in some ways to identity theft," Sirko said.

So what can be done? The speakers offered solutions that fall into three categories:

#### 1. Restricting access

"We have pushed nationally for limiting eligibility for obtaining a birth record," said Sue Bordeaux, an Oklahoma official who leads the security committee for NAPHSIS, an association of public-records registrars. While it used to be easy for anyone to see a birth certificate, agencies across the country are now requiring that you prove you're that person or a relative before you can see the records.

While that helps, Bordeaux said, it still doesn't prevent misuse by people who have legitimate access to a birth certificate. "A lot of the fraud that we see in vital records is a family member who does it to the other person," she said.

#### 2. States talking to each other

Sirko says fraud involving death records is becoming more difficult because states are sharing information. In the past, if you saw an obituary of a person born in another state, that obituary gave you enough personal information – like the name of the mother – to get the original birth certificate from the state of birth. Today, in many cases, the state where a person died notifies the state of birth, which can then protect the person's records.

State officials are working to build a national system for sharing death information, because the process is still too slow. "Fraudsters can move faster than government." Schwartz said. They can grab a record before we can mark it deceased."

Another agency that needs to be involved is the Department of Defense, Schwartz said. When a soldier is killed in action, the name is often broadcast widely through the media. That makes their identities a target for fraud because the military doesn't report those deaths directly to the states.

#### 3. Verifying data, not documents

Outland specializes in document forgeries and joked that, if he was working at the department of motor vehicles or an airport security checkpoint, he would be able to catch fake documents —but people would hate him, because he would spend a long time evaluating each one and cause lines to be even longer than they are today.

As digital systems replace old paper-based ones, the focus will move away from checking the authenticity of a document and more toward checking the information that's on the document. In other words, instead of just looking at a piece of paper, officials will be able to check on whether the data written on the paper is correct and whether the person presenting the document is posing as someone else.

Government agencies are now able to check some states' databases electronically, and that ability will grow.

"The future of birth and death certificates is electronic, and we shouldn't be relying on paper," Schwartz said. "Don't try to make paper more secure. It's the information people need."

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