INTERSECTION OF IDENTITY THEFT AND CYBERCRIME

2019 VOCA National Training Conference

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National Cybersecurity Society (NCSS)
Cyber Crime in 2018: Big Numbers & Growing

Source: Symantec ISTR Feb 2019
Attacks on businesses are motivated by monetary gain, intelligence gathering, or hacktivism.

Bad actors are better organized and adaptable in capabilities to pursue the easiest targets.

Legacy technology and unaddressed vulnerabilities are the most susceptible areas.
About NCSS

We make cybersecurity easy, accessible and affordable

• Help you understand your cyber risk
• Assess cyber risk via NCSS CARES
• Provide advice on cybersecurity services
• Access to affordable and vetted cybersecurity products and services
• Educational events, tools, services

• Provide best practices, how-to-guides, tips, conferences, webinars, articles, and other educational materials
• Collaborate with cybersecurity vendors to ensure the best service delivery
• “Ask-an-Expert” services
• Facilitate information sharing as an ISAO
## THE WORLD we live in

### Business Status
- Business plans may not address cyber
- Audit – Cyber findings
- No Budget for IT security
- Unsure how much to spend on IT security
- May not have a dedicated CISO
- Reputation/Business Identity
- Remote access
- No cyber insurance
- Crisis management strategy
- Not focused on cybersecurity
  - No sense of urgency
  - Limited time, money, knowledge, skills
  - Faith in “security through obscurity”

### Technical Environment
- Use of cloud-based services
  - Software as a Service (SaaS)
    - Office 365, G Suite, Online CRM, accounting, HR, etc.
  - Platform as a Service (PaaS)
    - AWS, Microsoft Azure, Google Cloud
- IoT
- HTTP and web-hosting;
- Home or shared networks
- Personal laptops and mobile devices
- No data management plan/strategy
- No employee training
Data Breaches

✓ 81% of data breaches leveraged either stolen or weak passwords

Verizon Data Breach Investigations Report, 2017

✓ 91% of all data breaches involved a phishing email

PhishMe Research, 2017

Once hackers are in – they can steal your data, damage your data, or hold it for ransom
• Do you know who to call?
• Do you know what to do?
• Are you required to report the incident? If so, to whom?
• Should you involve law enforcement? If so, why and how?

A breach has serious consequences if not handled properly. There are 50 different breach laws in the US.

www.nationalcybersecuritysociety.org
NCSS is an ISAO. What is that?

Incident Reporting

Has an incident occurred with which you need immediate help?

• NCSS is an “Information Sharing and Analysis Organization”, https://www.isao.org/information-sharing-groups/

• We help our members recover and report cyber crimes. We report key indicators to DHS – anonymously – to afford you liability and litigation protection under the Cybersecurity Information Sharing Act of 2015

The NCSS is here to help
How to contact us:

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Or visit our website:
www.nationalcybersecuritysociety.org

Follow us on Twitter:
@TheNCSS
IDENTITY THEFT
RESOURCE CENTER
Emotional Reactions

- Frustration/annoyance (80%)
- Fear for financial security (67%)
- Violated (66%)
- Helpless/powerless (53%)
- Loss of ability to trust (44%)
- Suicidal (7%)
Behavioral & Physical Reactions

- Sleep disturbances (48%)
- Inability to concentrate (37%)
- Fatigue (35%)
- Headaches (34%)
- Panic attacks (27%)
Impact: Credit & Financial

- Credit affected or denied (38%)
- Credit cards cancelled (12.5%)
- Used existing cards (12%)
- Applied for gov’t benefits (11%)
### Impact: Employment

<table>
<thead>
<tr>
<th>Event</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time off work</td>
<td>22%</td>
</tr>
<tr>
<td>Affected ability to get a job</td>
<td>14%</td>
</tr>
<tr>
<td>Changed jobs</td>
<td>8%</td>
</tr>
<tr>
<td>Lost job</td>
<td>6%</td>
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</tbody>
</table>
Impact: Housing

Unable to rent or find housing (16%)

Relocated or Moved (15%)
ID Theft 56%
Percent of Personal Information ID Theft victims that found victimization moderately or severely distressing

Simple Assault 56%
Percent of Simple Assault victims that found victimization moderately or severely distressing

ID Theft 92%
Percent of identity theft victims that found victimization moderately or severely distressing
THE DOMINO EFFECT

• Borrowed money from family/friends (25%)
• Delayed educational opportunities (13%)
• Used online accounts less frequently or not at all (33%)
• Closed existing online accounts (27%)
OUR MISSION

Empower and guide consumers, victims, government and industry to minimize risks and lessen the impact of identity crimes.
14.4 Million
Were hit with some kind of ID theft last year

126% Increase
Of personal consumer records exposed in 2018 compared to 2017 - ITRC 2018 End-of-Year Data Breach Report

400 Million SSNs
Exposed in the 1,200 breaches in 2018
OUR SERVICES

• Identity Theft Remediation
• Consumer Education
• Research/Survey Reports
• Data Breach Reports
• Scam/Fraud Alerts
• TMI Email Weekly
• ID Theft Help App
ID Theft Help App: idthefthelp.download for free case management tools

Featured on NBC NEWS
100,000+ Individuals
Number of unique individuals helped at no-cost through our toll-free call center since 2006

1.7 Million Views
On idtheftcenter.org in 2018

29.9 Million Individuals
Reached through partner activities