



Manifest your inner Cyber Superhero

Cyber Super Villains: The Real-Life Threats Lurking in Our Digital World

Paige Hanson

Co-Founder, SecureLabs



Welcome to the Cyber Multiverse!



- * Meet the Villains
- * Understand Their Story Arcs
- * Meet the Heros
- * How YOU Become the Hero

What Makes a Great Villain?



Meet the Villains

MANIFEST YOUR INNER CYBER SUPERHERO!



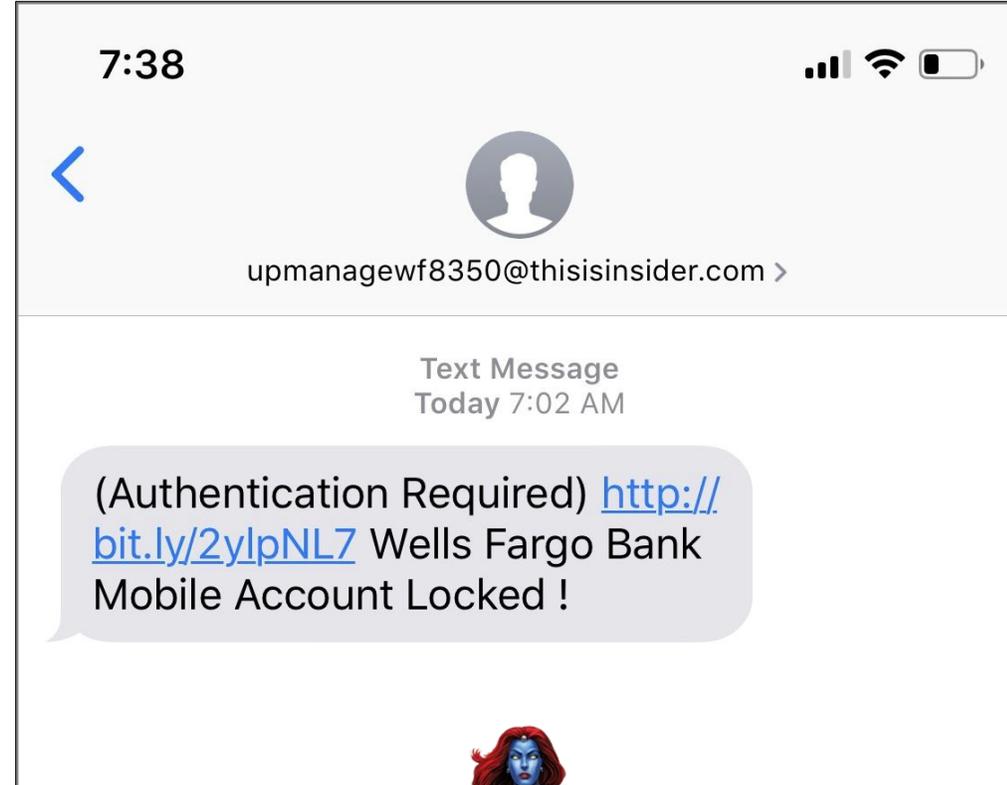
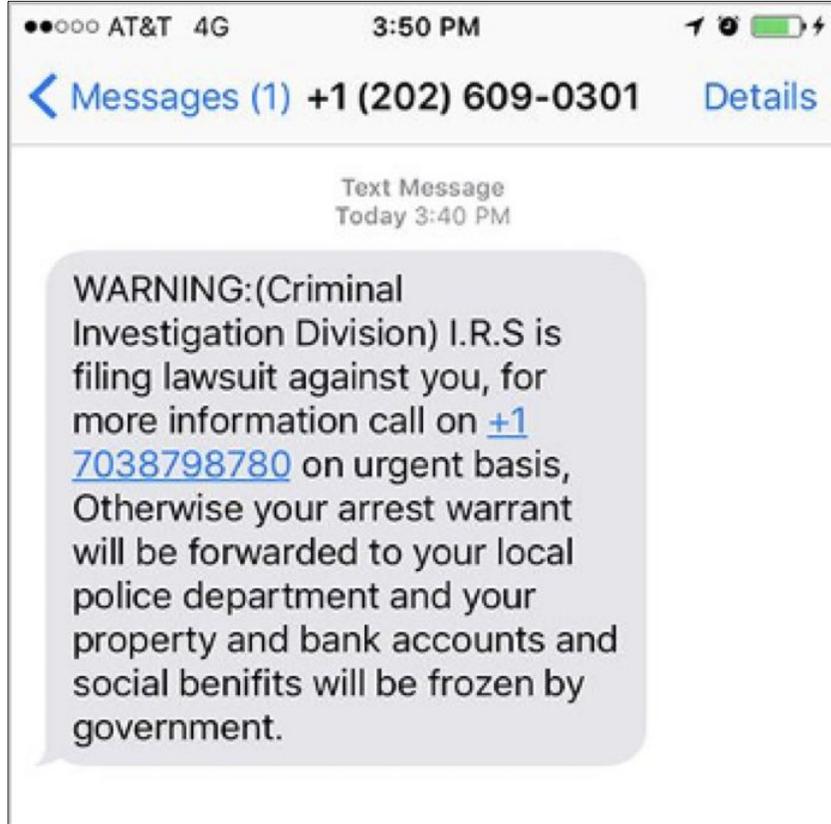
Mystique: The Master of Deception



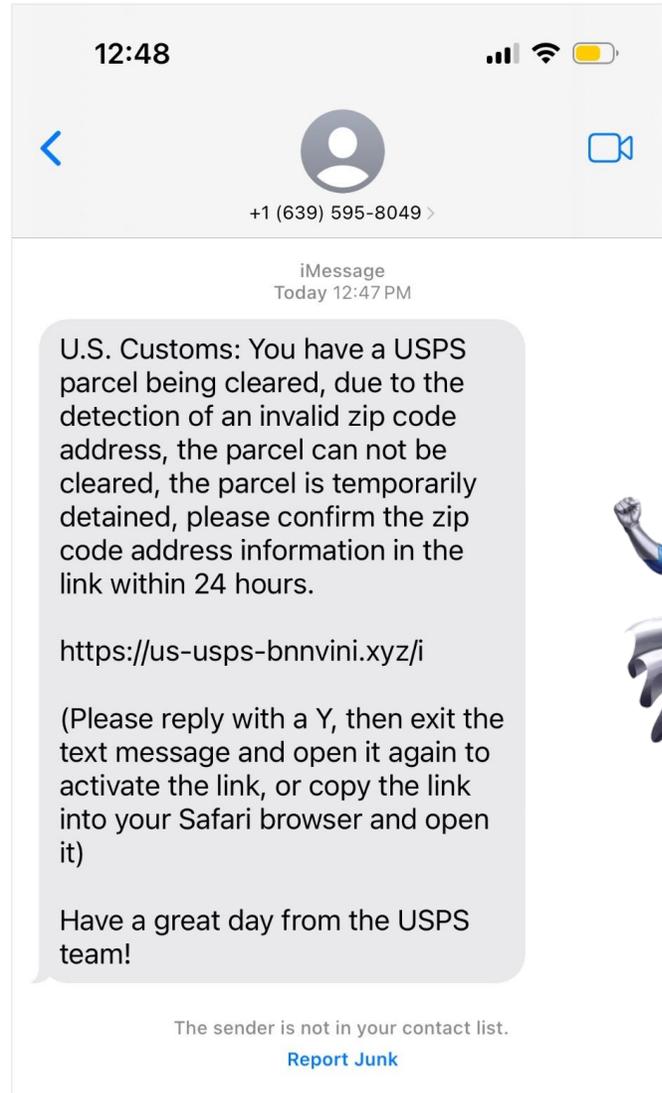
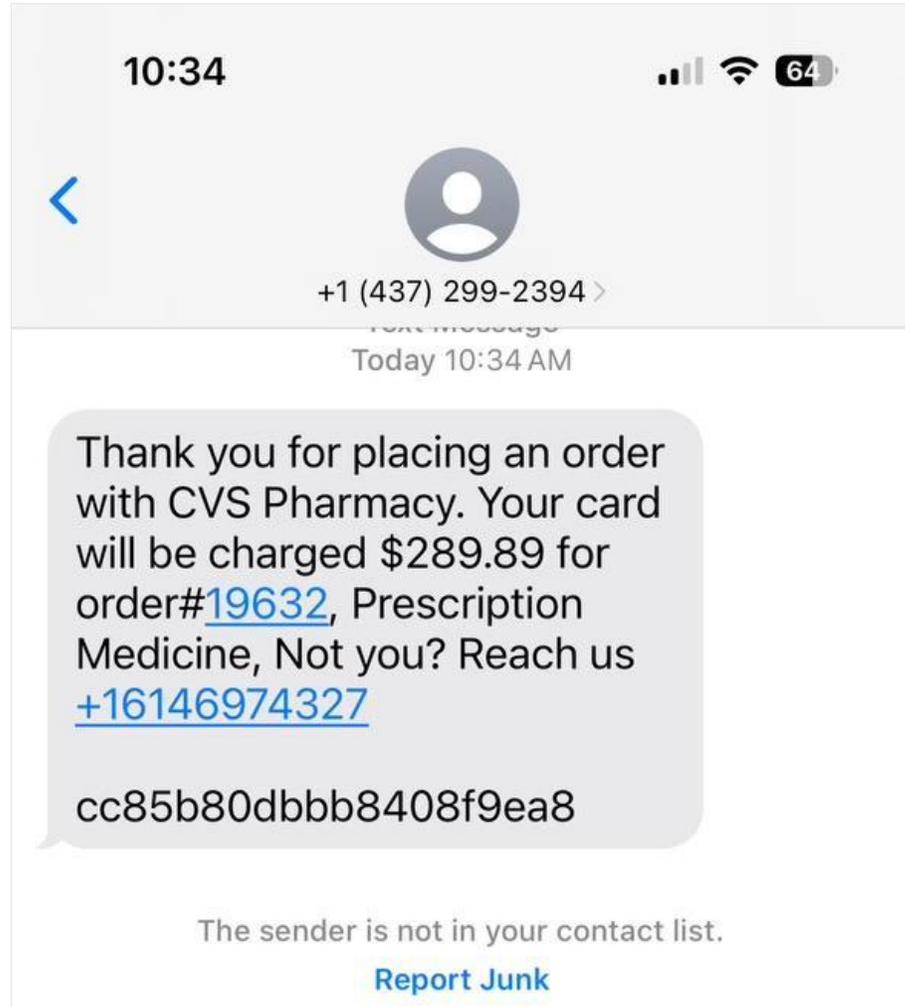
Deception in the Digital Age: How Fraudsters Imitate and Infiltrate



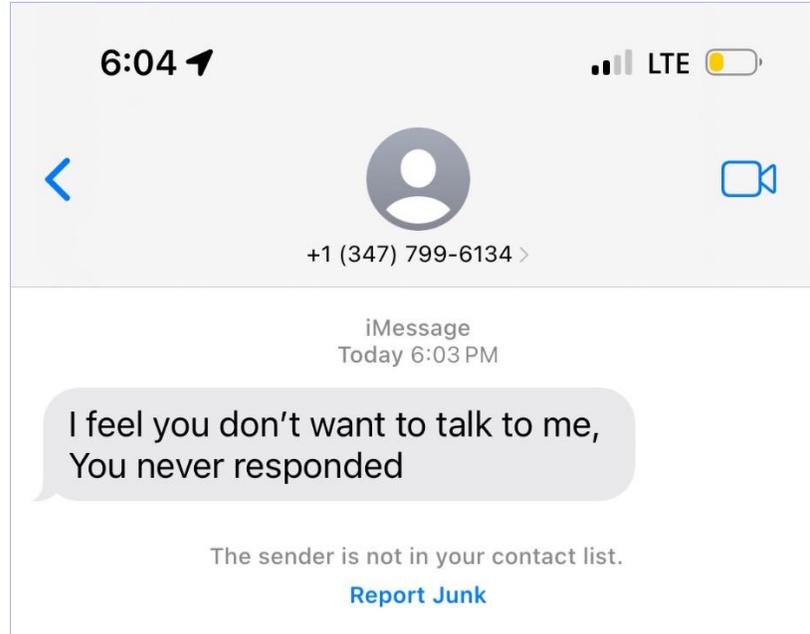
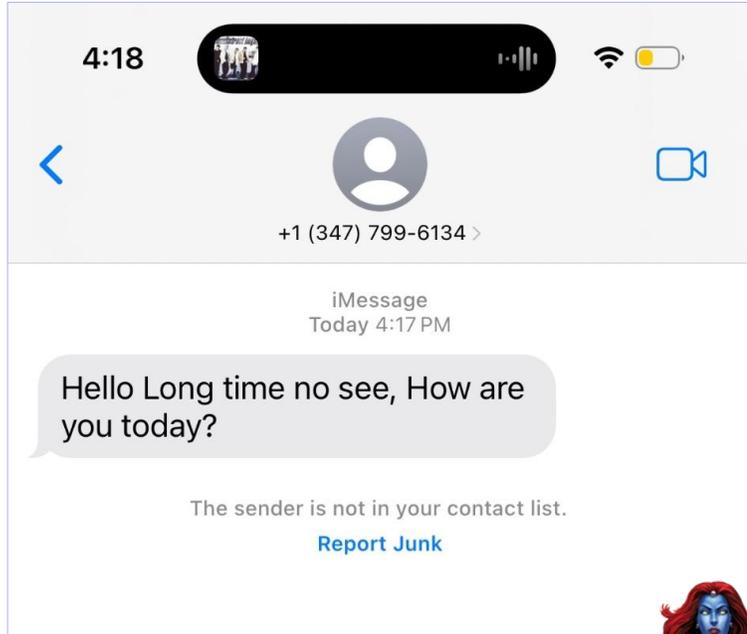
SMSHING



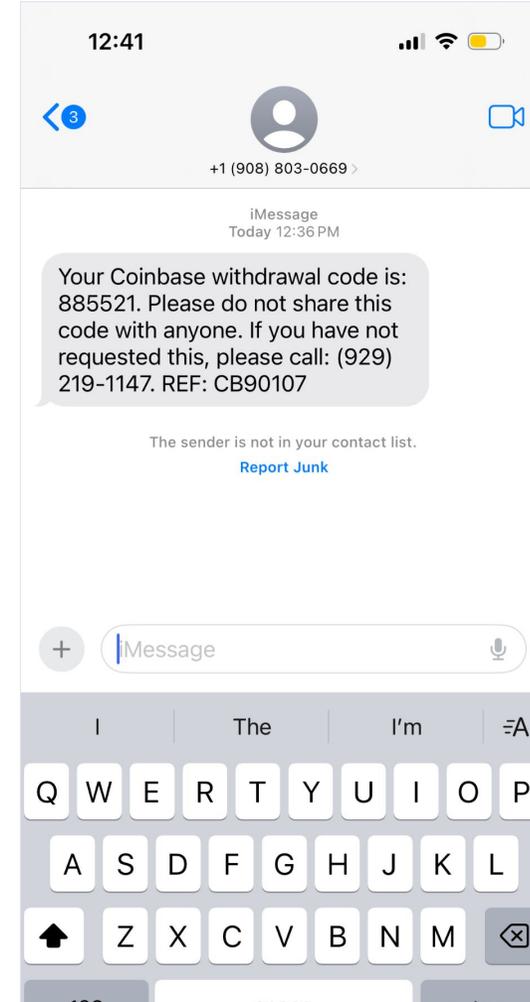
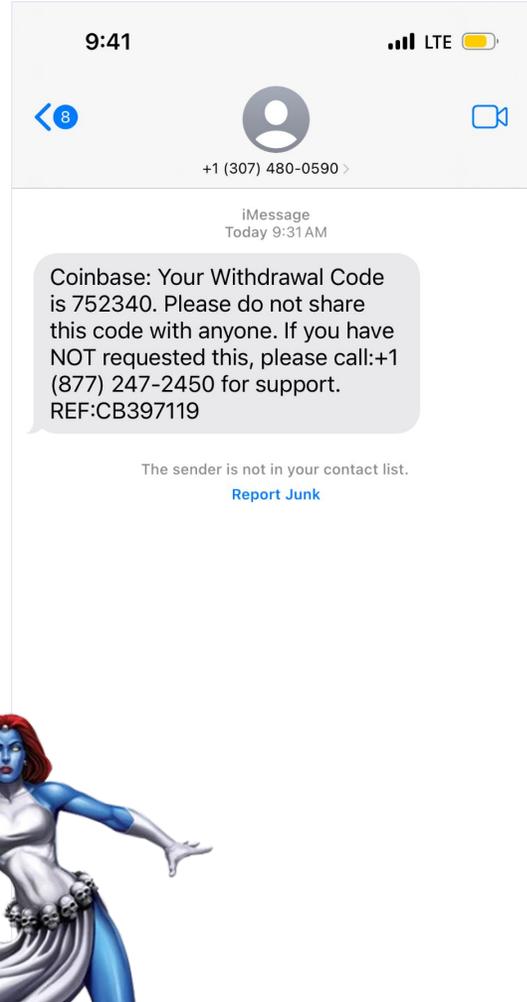
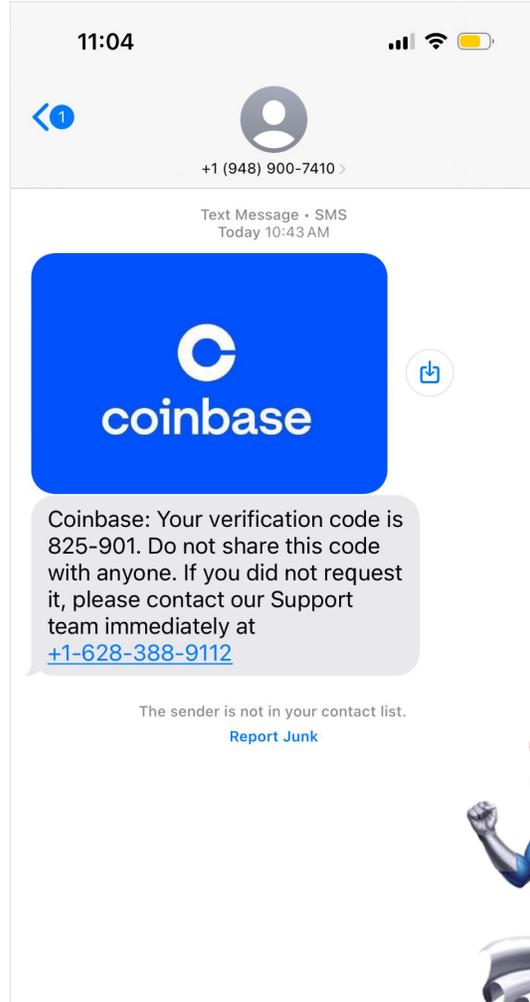
SMSHING



SMSHING



SMSHING



SMSHING

11:48 [Signal] [Wi-Fi] [7]

< [Group Icon] 18 People >

Text Message • SMS
Today 11:39 AM

+1 (947) 251-9081

 **U.S. Department of Health and Human Services**
Enhancing the health and well-being of all Americans

S.W. Washington D.C. 20201
Phone: (601) 889-7663
Email: mydhhs.gov@usa.com
Website: www.hhs.gov

DHHS Program Grants Office

August 25, 2025

To:
Voluntary Grant Recipient

Dear Recipients

SUBJECT: NOTIFICATION OF GRANT APPROVAL - DHHS PROGRAM ASSISTANCE AND NEXT STEPS

We are pleased to inform you that you have been selected as an approved recipient of financial assistance through the Department of Health and Human Services (DHHS) Program, the largest grant-making agency in the United States. This grant is part of our ongoing commitment to supporting individuals, families, and organizations who meet the eligibility requirements for federal financial support. Based on your eligibility and application, you have been approved to receive funding under one of the following program categories:

- Home Care Support
- Family Assistance
- Community Empowerment and Wellness
- Maximum Individual Grant Amount \$350,000.00 USD

Next Steps - Confirm Your Grant Assignment
To receive the specific grant amount assigned to you and begin the disbursement process, please follow the instruction below:

1. Send a Direct Text Message for Fastest Response:
Text your full name and the confirmation code below to our official DHHS Grants Office number:

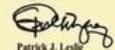
SEND TEXTS TO (601) 881 - 7663

Your Confirmation Code: DHHS-K305VXA90

Once your message is received, a DHHS program representative will respond promptly with the amount awarded to you and guide you through any remaining steps to finalize your grant.

Important Notice:
Grants issued under the DHHS Program are non-repayable and must be used in accordance with the purpose for which they are awarded.

Congratulations once again on your successful selection. We look forward to supporting your wellbeing and impact through this program.

Sincerely,

Patrick J. Leach
Associate Director, Services & Compliance
Grants Administrator
DHHS Program - U.S. Department of Health and Human Services





The sender and other recipients are not in your contact list.

[Report Junk](#)

10



SMSHING

< Inbox

From: **GameStop** >
 To: [redacted]
 Reply To: notifications@info.ga... >
 Yesterday at 9:49 PM

Your account has been locked.

GameStop

Your account has been locked.

For your protection, GameStop locks accounts after a defined number of incorrect password attempts.

You have exceeded the maximum number of attempts and your account has been locked. The account will remain locked for 30 minutes. After that time, you may attempt to sign in again or contact our customer support team at [1-800-883-8895](tel:1-800-883-8895) or visit the [Help Center](#) on our website.

mCN1fl@nifty.com 5:13 AM
 To: Paige Hanson >

You have a new voicemail

Hi [paige@\[redacted\].ii](mailto:paige@[redacted].ii) (Ext. 100),

You have a new voicemail

Received at [401 - Main Auto Attendant] to [100 - [paige@\[redacted\].ii](mailto:paige@[redacted].ii)] on 7/25/2025 (35 seconds).

[PLAY MESSAGE](#)

Regards,
 The securelabs Team

SCAM

SB Steve Bivens 5:46 AM
 You have placed Order 8d4aa0f06
 To: Paige [redacted]

Norton
Invoice Notification

Aloha Paige [redacted]

This email confirms that your Norton 360 membership has been renewed successfully. A charge of **\$499.00** has been applied to your saved payment method.

Invoice Date: Monday, 28 April 2025
Invoice Number: 8d4aa0f06
Plan: Webroot Guard
Quantity: 1x
Subscription Term: 2-Year
Amount Charged: USD 499.00

Need help or want to make changes to your plan? Contact us at **(818) 206-7761**.

© 2025 NortonLifeLock Inc. All rights reserved.



Spooferd Email Account



CN Confidentiality Notice 6:27 AM
To: Paige Hanson >

New Voicemail Notification For
[paige@\[redacted\]](#)
8/26/2025 8:27:35 a.m.

New Voicemail Notification
Google

Dear [paige@securelabs.ai](#),

You have received a new voicemail. Please use the secure link below to listen to your message.

Play Voicemail

AES-256 Encryption Secure data protection	Azure AD Identity verification
GDPR Compliant Privacy assured	Audit Trail Full activity log

Confidentiality Notice: This email is intended solely for the recipient. Unauthorized use or disclosure is prohibited.
Please consider the environment before printing. Learn more about our sustainability efforts.

R RingCentra 11:32 AM
To: Paige Hanson >

New Voicemail Notification For
[paige@\[redacted\]](#) On
8/26/2025 1:32:39 p.m.

New Voicemail Alert
For [paige@securelabs.ai](#)

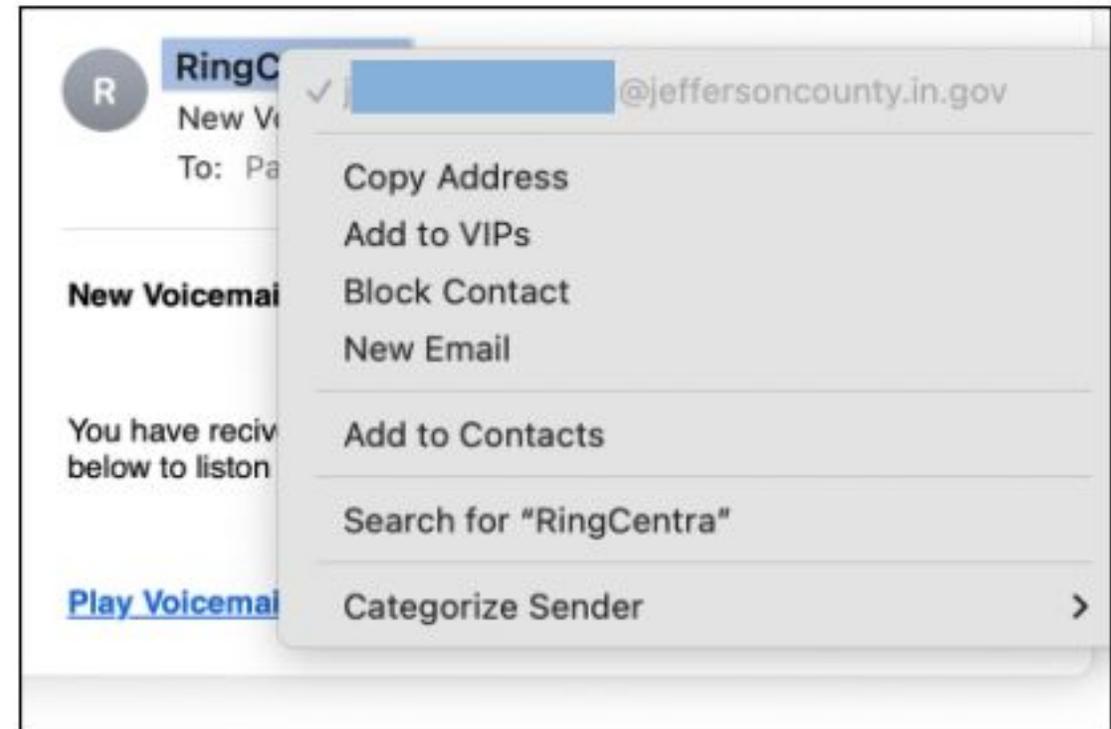
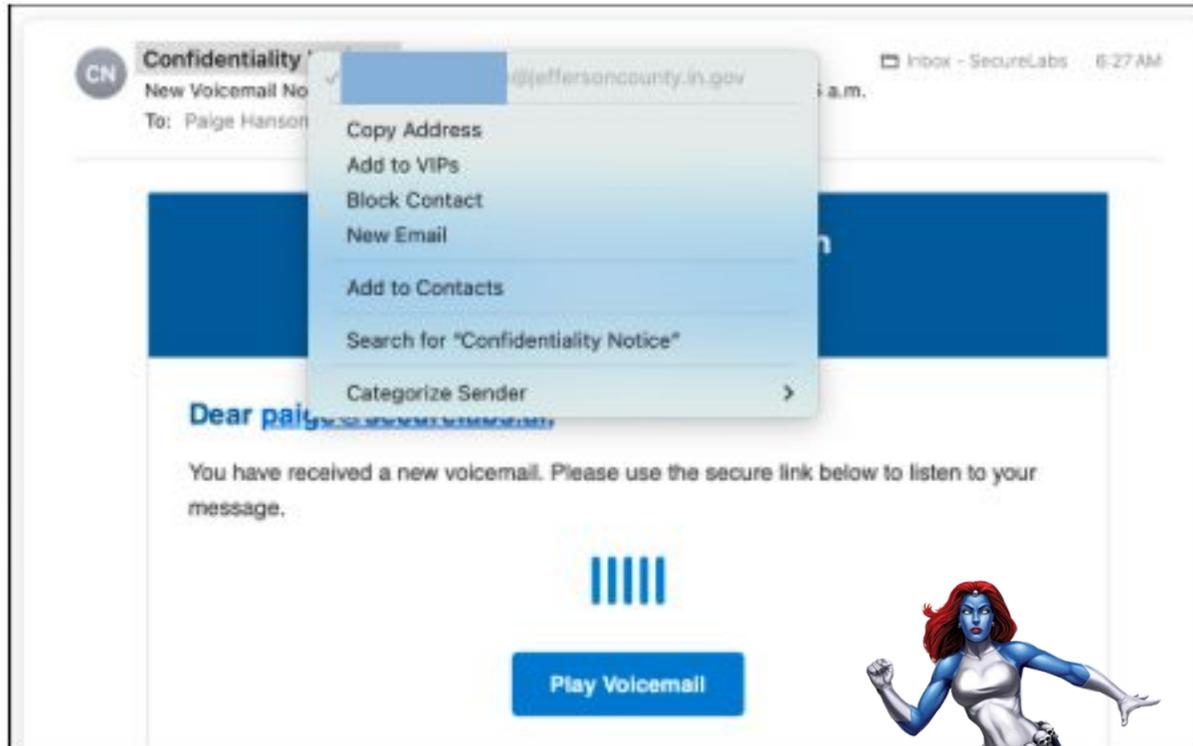
You have received a new voicemail, Please follow the instruction below to listen to your message.

Play Voicemail





Spooferd Email Account



Magneto: The Master of Control



Power and Control: How Ransomware Gangs Hold the Digital World Hostage

OSINT in the Wild

#CORNCON



THE STACK



Security

MGM Resorts' ransomware attack started with a single phone call

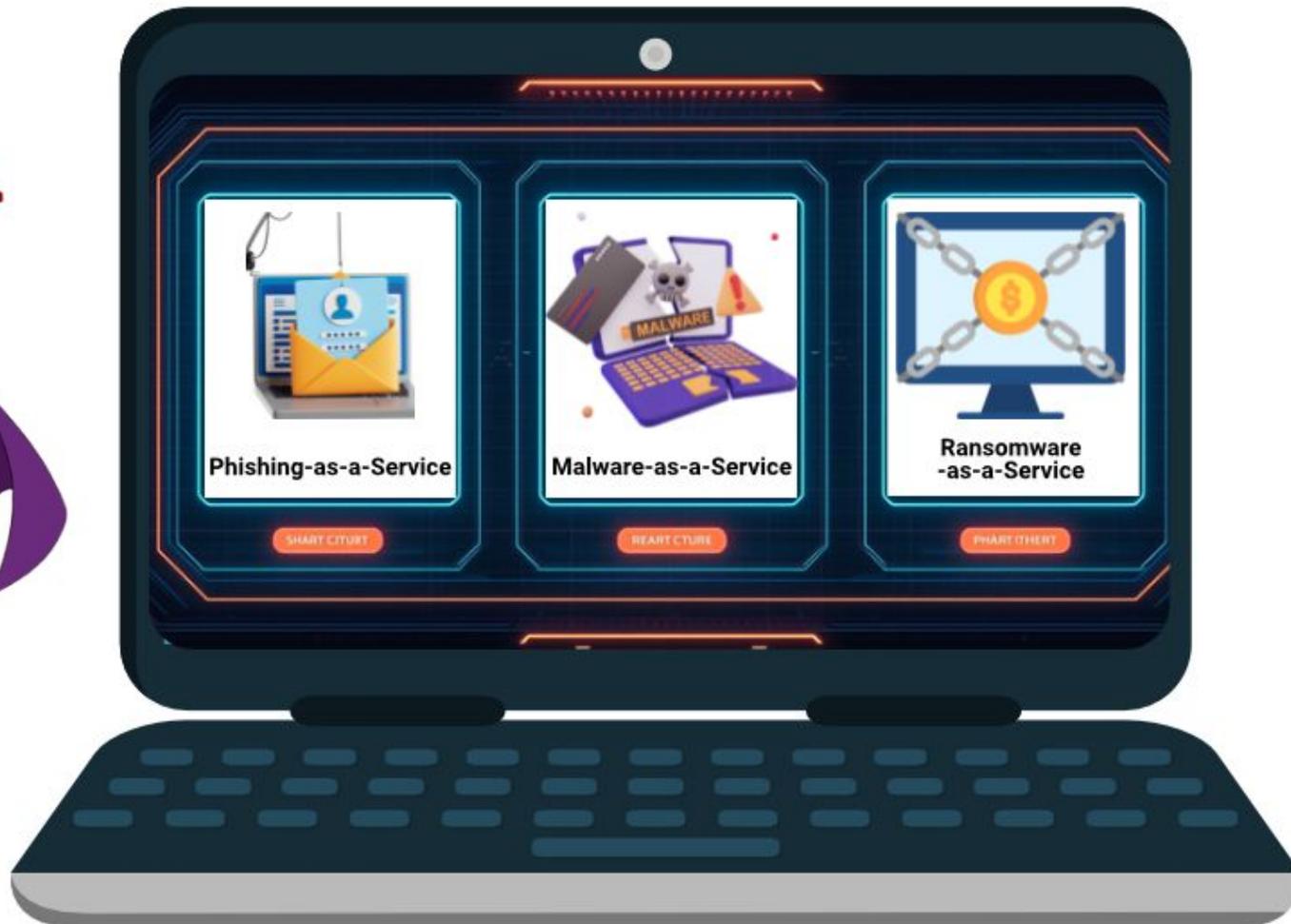
Social engineering allegedly led to MGM attack: \$13 billion firm's cybersecurity "defeated by a 10-minute conversation"?



Edward Targett

Sep 13, 2023 - 4 min read

Crime-as-a-Service





Emerging Threat: SIM Server Networks

U.S. Secret Service Seizes 300 SIM Servers, 100K Cards Threatening U.S. Officials Near UN

Sep 23, 2025 Ravi Lakshmanan



The U.S. Secret Service on Tuesday said it took down a network of electronic devices located across the New York tri-state area that were used to threaten U.S. government officials and posed an imminent threat to national security.

- Secret Service seized 300 servers + 100K SIMs near UN
- Enabled anonymous threats & telecom disruption
- Linked to nation-state + criminal actors



What Do We Do About It?

- * Build resilience
- * Plan for incidents



Stop thinking attackers are mysterious geniuses



Dark Phoenix: The Insider Threat



When Good Turns Dangerous:
Understanding Insider Threats

Practical Takeaways

- Review user access regularly
- Implement data loss prevention tools and real-time monitoring
- Train employees not just on what to do, but why it matters.



Scarecrow: The Engineer of Fear



The Psychology of Fear: Social Engineering and Infrastructure Attacks

Case Example: Arkansas City Water Treatment Plant (2024)

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Industrial Cyber [Register](#) [Login](#)

Hackers target Arkansas City water treatment plant, prompting federal investigation

SEPTEMBER 24, 2024





Case Example: Colonial Pipeline (2021)

May 18, 2021 | Stephen Fitzgerald, Instructor-in-Residence, School of Business

Colonial Pipeline Ransomware Attack a Warning of Infrastructure's Vulnerability

Organizations need to shift thinking from 'if we get attacked' to 'when we get attacked'



Brainiac: The Data Devourer



AI and Automation: When the Machines Learn to Attack



Voice Cloning

 Cybersecurity Dive

FBI warns senior US officials are being impersonated using texts, AI-based voice cloning

FBI warns senior US officials are being impersonated using texts, AI-based voice cloning. Hackers are increasingly using vishing and smishing...

May 16, 2025



 Charleston Gazette-Mail

Head Swap & AI Voice Cloning: Next-Level Creativity with AI

Artificial intelligence (AI) is rapidly transforming the way we create, edit, and share digital content. From head swaps in photos and...

1 week ago



 Consumers Union

More than 75,000 consumers urge FTC to crack down on AI voice cloning fraud

Consumer Reports recently released a study on how AI voice cloning tools can facilitate fraud and impersonation. CR assessed six products...

1 month ago



Deepfakes: Seeing is No Longer Believing



- * Imagine: Attacker creates video of CEO saying/doing something damaging - then uses video to extort money.
- * What processes do you have internally to report?
- * Defense:
 - Verification practices (reverse image search, etc.)
 - Safe words





Meet the Heros

MANIFEST YOUR INNER CYBER SUPERHERO!



Captain America: The Defender of Duty



- * Business resources:
 - CISA
- * Reporting:
 - FBI (ic3.gov)
 - USA.gov
 - Federal Trade Commission (FTC)
- * Frameworks:
 - NIST CSF
 - NIST AI RMF

Batman: The Ethical Hacker in the Shadows (ft. Deadpool)



- * Ethical hacking
- * Pen testing
- * Responsible disclosure
- * Proactive detection

The Avengers: The Power of Collaboration



- * Unified security strategy
- * Communication
- * Tabletop exercises
- * Partnership w external security experters

Wonder Woman: The Lasso of Truth



Protecting Your Universe: Actionable Steps



Five Shields of Cyber Resilience:

1. Educate & Empower
2. Update & Patch
3. Authenticate & Verify
4. Detect & Respond
5. Recover & Learn



The Future of the Fight: Staying One Step Ahead

1. The Rise of AI-Amplified Threats
2. Adaptive Defense: Meeting AI with AI
3. Resilience is the New Perimeter
4. Collaboration is our Superpower
5. The Call to Action: Be the Hero in Your Story



Q&A

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2025 CORNCON CYBERSECURITY CONFERENCE



Paige Hanson

Founder of SecureLabs | Helping businesses meet their security compliance standards |...



Thank you!

Email: paige@securelabs.ai

Website: securelabs.ai

YouTube: [@PaigeonCyber](https://www.youtube.com/@PaigeonCyber)

MANIFEST YOUR INNER CYBER SUPERHERO!

