

How to Be #UnHackable

Learn to Think Like a Scammer to Improve Your Cybersafety Skills







Facilitated by:

Claudiu Popa, Founder Debra Popa, Executive Director

KnowledgeFlow Cybersafety Foundation



KnowledgeFlow.org





An Ottawa couple is out 13K after a scammer posing as TD bank stole their credit card info.

Authorities are advising people to straight up never answer the phone ever again.

What Do We Know About Fraud?



Claudiu Popa, CISSP, CISA, CIPP, CRISC, PMP
Founder

KnowledgeFlow Cybersecurity Foundation



Debra Popa, MBA

Executive Director

KnowledgeFlow Cybersecurity Foundation

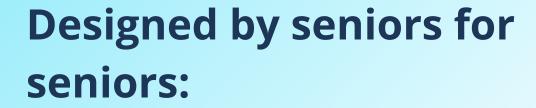
KnowledgeFlow.org/Events

- View and download your handouts
- Complete the survey



Project KnowledgeNet





 the goal is to improve senior cybersafety in all aspects daily life



Interactive scam spotting email course:

 receive phishing scam simulation emails—training you to recognize real ones and stay safe online



Cybersafety for Everyone:

 a free online course teaching a thorough overview of personal cybersafety



Project KnowledgeNet: How to Sign Up

KnowledgeNet.KnowledgeFlow.org





Project KnowledgeLink



Volunteer with us!

- Help your community stay safe and empowered online
- Receive comprehensive cybersafety training and share your knowledge with others
- Foster a sense of community and belonging while reducing cyber threats



Project KnowledgeLink: How to Sign Up

KnowledgeLink.KnowledgeFlow.org

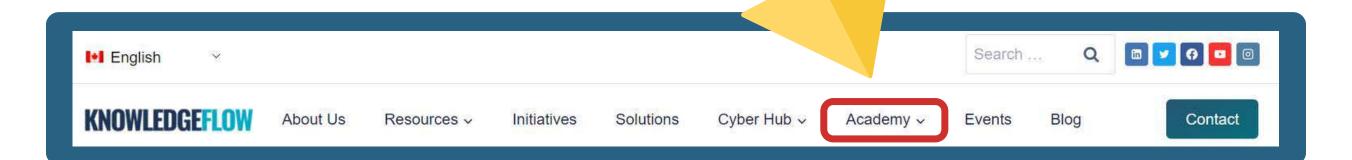
Project KnowledgeLink: Empowering Senior Ambassadors For Digital Safety

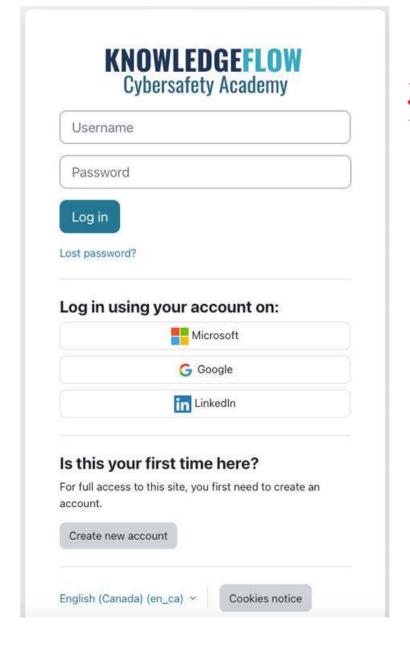
KnowledgeLink, a new initiative by KnowledgeFlow Cybersafety Foundation, aims to protect and empower seniors by enhancing their cybersafety awareness and skills. This community-driven project focuses on training senior ambassadors to serve as local experts in digital safety, helping their peers navigate the online world with confidence.



Become A Volunteer

Access Our FREE Courses















TheKnowledgeAcademy

Do you want to make money, fast?

10 Lessons With Guaranteed Results \$ \$ \$

- More than \$100K earned
- All free resources
- Learn from the pros!



ENROLL NOW!



Scammer Training 101



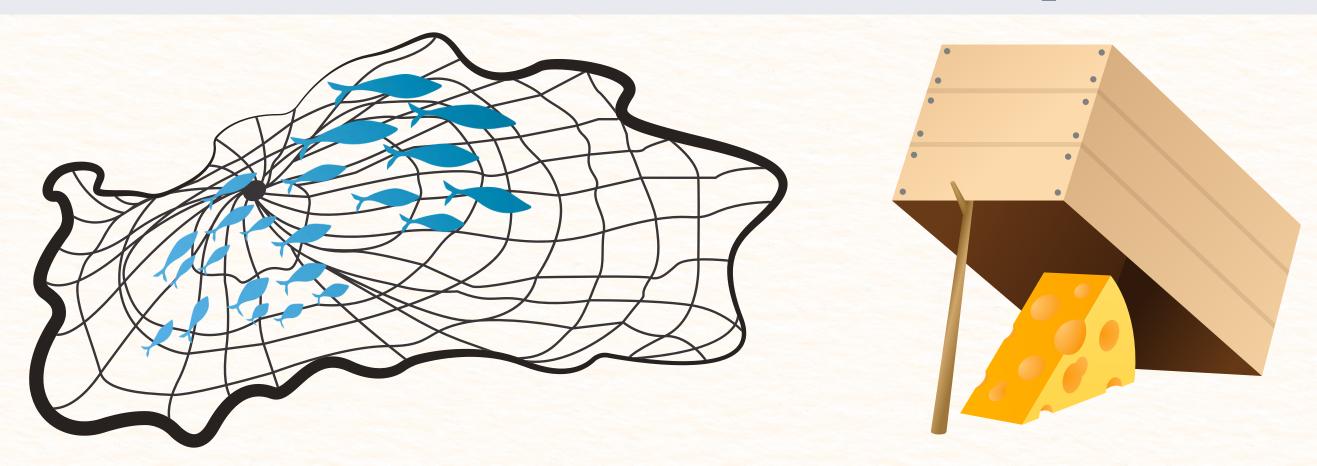
Scammer Training 101: Choosing Your Target



Every scammer needs to decide who they're going after.

Seniors, newcomers, teens, businesses — each target has different weaknesses to exploit.

Cast a wide net or set a trap?



Scammer Training 101: Choosing Your Target

What's the Goal?

Scammers may be after money, personal information, or access to personal accounts.









Scammer Training 101: Choosing Your Vehicle



Scammers use different platforms for different roles and targets.

Each vehicle has its own pros and cons.

Email



- Allows attachments and links
- Greater length and detail
- Logos and format
- Header spoofing

Phone



- Caller ID spoofing
- Include additional 'characters'
- Convey emotion
- Customize based on victim's reaction

Text



- Short links and buttons
- Bypass spam filters
- Higher 'open rate'
- Mimic common notifications

Scammer Training 101: Choosing Your Vehicle

There are many things scammers can do to seem more trustworthy. You can use caller ID spoofing and typosquatting to pose as a legitimate phone number or email.



contact@knowledgeflow.org

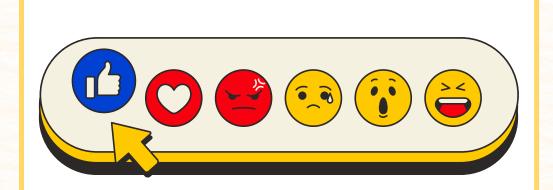


contactknowledgeflow@email.domain.com



Scammer Training 101: Choosing Your Vehicle

How To Get Your Contact List



Web scraping allows scammers to find publicly available personal information like phone numbers and email addresses.



Security breaches

gather personal information, which is then sold between scammers on the dark web.



Scammers create

ads, newsletters

and contests to

trick people into

entering their

contact information.



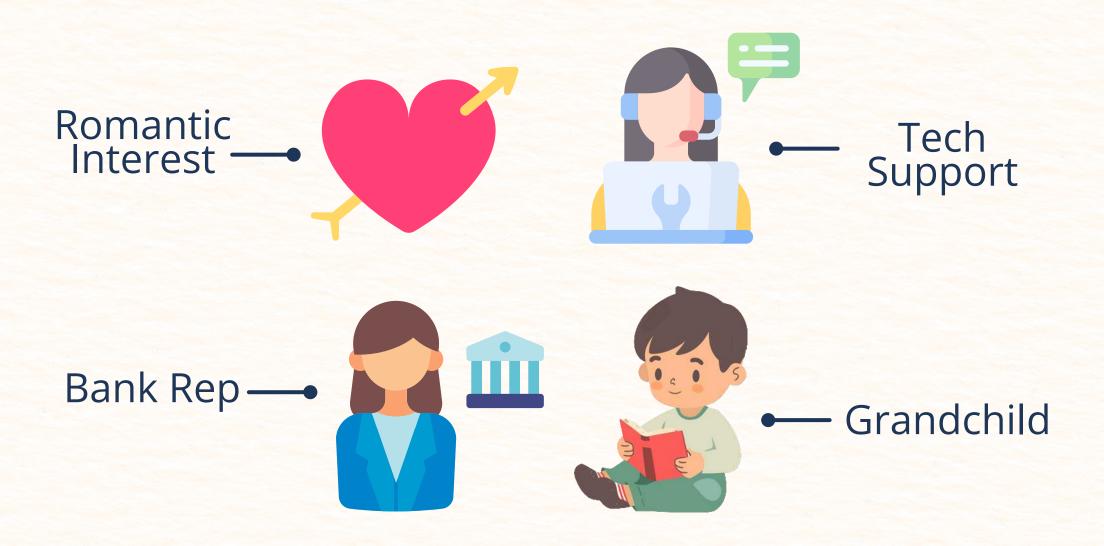


Scammers need a believable story.

A story helps makes your target want to act, whether the story is urgent, friendly, or official.

Picking A Role:

To craft your story, scammers should take on roles that seem trustworthy, encouraging their targets to act.



Appealing to Emotions:

With these roles, appeal to the targets' emotions through **fear** (ex. a police officer or CRA agent), **excitement** (someone telling you you've won something), or **trust** (ex. family member).



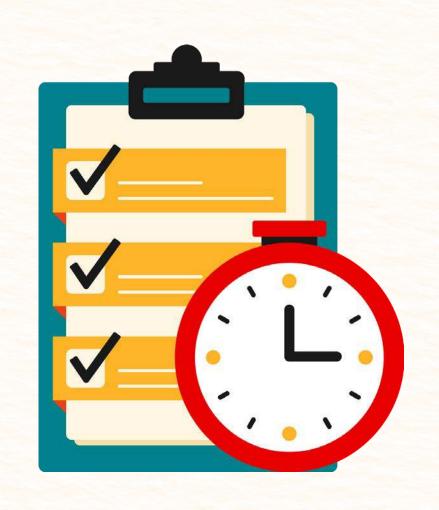




Tone and Voice:



"Act now, or else..." is a scammer's best friend.





Technical Jargon

Overwhelming targets with terms like "account compromise" or "malware infection"





Fake Contract Details

Using emails or phone numbers that look official.





Scammer Training 101: Choosing Your Tools

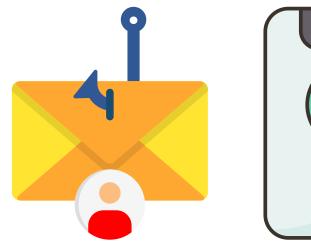


Scammers rely on tools that push people to act quickly and without thinking too much.

Deliver **malware** to get access to targets' devices and personal information.



Use different types of **spoofing** to fool targets, like Caller ID, SMS, and email domain spoofing.





Make links to fake websites, use attachments, or use remote access tools.







Scammer Training 101: Planning the Payoff



Pick payment methods that are quick and hard to trace.

Gift Cards & Codes

Easy for the target to buy, difficult to trace.



Wire Transfers

Direct cash, simple to get if the target believes the story.

Cryptocurrency

Anonymous and now available at local ATM style machines.

Harvesting Personal Information

Scammer Training 101: Harvesting Personal Info



Not all scammers want money from their targets right away.

Some scammers are after their targets' personal information to sell or use later. They can use that personal information for identity theft crimes, or piece together information for synthetic identity theft.

Building a Profile

















Piece together targets' personal information, such as birthdate, address, and email, to sell or use for identity theft.



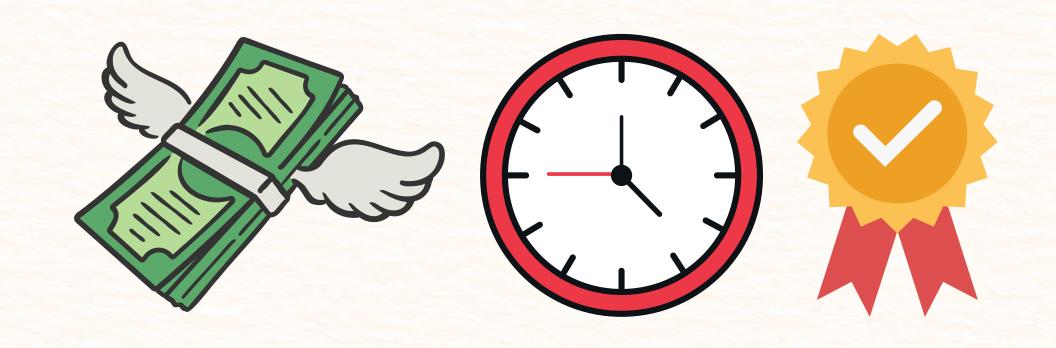
Scammer Training 101: Overcoming Resistance



Anticipate doubts and be ready with convincing replies.

Using Pressure Tactics

"If you don't act, you'll lose money/time/status."



Scammer Training 101: Overcoming Resistance

Faking Authority

"I'm with [government agency, bank], so you can trust me."



Deflecting Questions

Keeping the conversation on the scammer's terms.

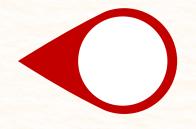




Scammer Training 101: Keeping the Victim Engaged



For romance scams or investment schemes, build trust over time.



Appear Consistent and Genuine

Daily conversations, small gifts, or favours.



Ask for Money Slowly

Start small to build comfort, then increase.



Use Emotional Manipulation

"I thought we were close. Can't you help me?









Scammer Training 101: Scamming in Real Time



Pretend to be helpful while you access their device and money.

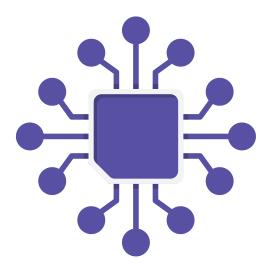
Phone or Pop-Up Warnings

Posing as support for a "compromised" account or device.



Remote Access Scams

Convincing targets to install remote software.



Holding Data for Ransom

Locking the device or data until money is paid.





Scammer Training 101: Avoiding Detection

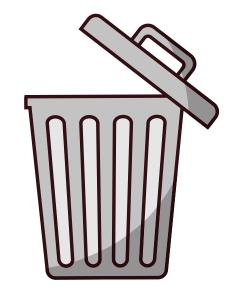


How to avoid getting caught.

Use VPN's and proxy servers to hide your location.

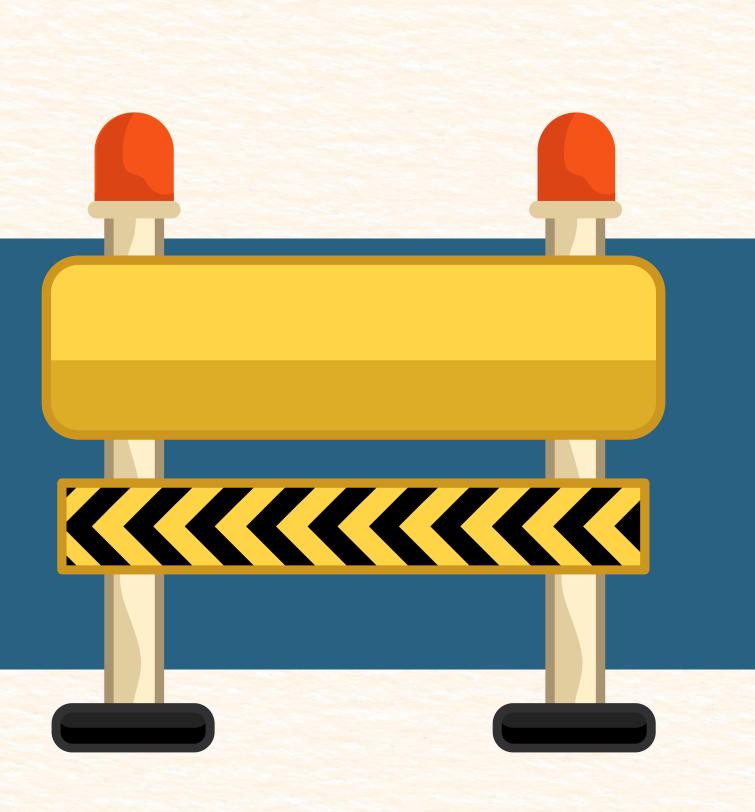


Delete accounts or emails before they can be traced.



Work from jurisdictions that make tracking and coordination difficult for law enforcement.





Common Roadblocks

Top Reasons Your Scam Might Fail

Passwords that are:

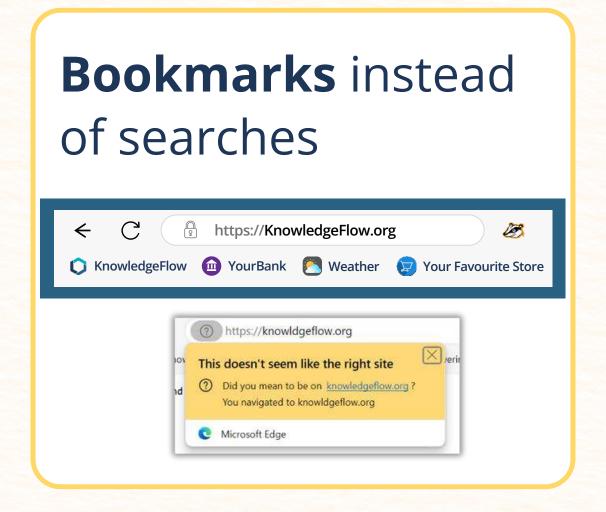
- strong
- long
- unique to each account
- stored securely



Password Managers and fake answers to security questions

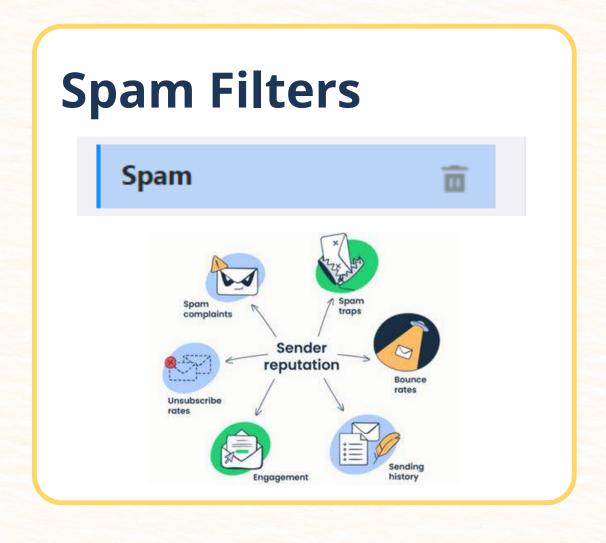
Top Reasons Your Scam Might Fail



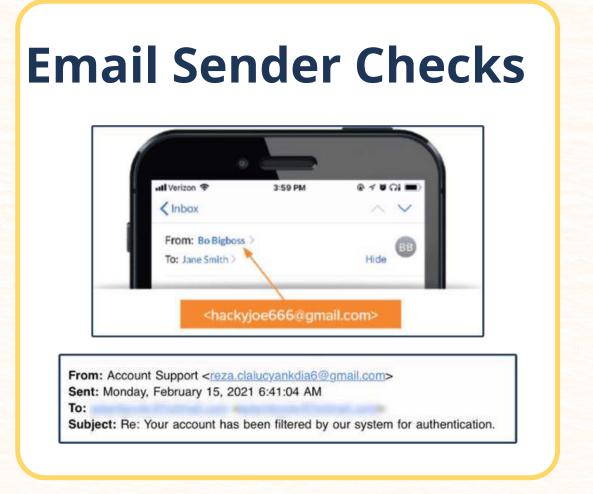






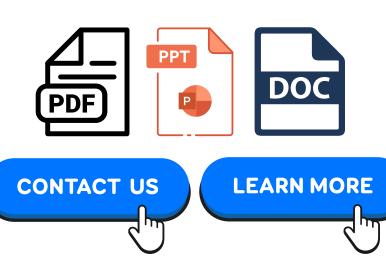






Top Reasons Your Scam Might Fail

People who don't open attachments or click links



People who 'Screen' their calls



People who aren't afraid to hang-up!

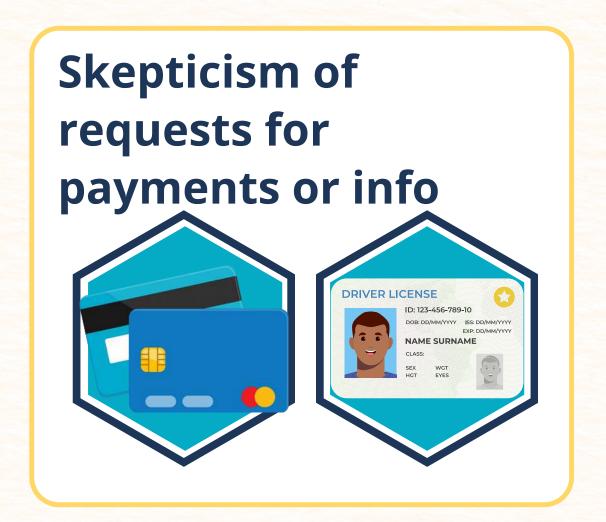




Top Reasons Your Scam Might Fail







Top Reasons Your Scam Might Fail

Someone who thinks like a scammer!





How to be #UnHackable

Be Private Be Secure Be Skeptical

Positive

How to be #UnHackable: Be Positive

KnowledgeFlow.org

Report Concerns to:

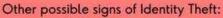
- Canadian Anti-Fraud Centre
- Your bank & Credit Card Company
- Local police department
- Equifax and Transunion for credit alerts
- CRTC regarding spam emails
- 7726 forward spam texts
- Federal Privacy Commissioner
- Provincial Privacy Commissioner

www.KnowledgeFlow.org CYBER SAFETY TIP SHEET

WHAT TO DO AFTER IDENTITY THEFT



Found out someone's been posting with your social media account?
Noticed purchases on your credit card bill that you never made?



- Being denied a loan, job or rent unexpectedly
- Bills and statements don't arrive when they are supposed to
- Calls from collection agencies or creditors for an account you don't have

Regardless of how, your data, along with your identity has been stolen, what now?

Suspect a scam? Report fraud: www.antifraudcentrecentreantifraude.ca



Change your passwords. Never use the same password on more than one account. Enable Two Factor Authentication, and use a password manager to generate and store strong passwords.

Tell the financial institution, credit card issuers, and companies involved.

You may need to change your account numbers, your PINs, and get new debit and credit cards.

Report the identity theft to the police and the CAFC.

Get a copy of the police report for your records. Contact the Canadian Anti-Fraud Centre (CAFC) 1-888-495-8501 or visit www.antifraudcentre-centreantifraude.ca.

Cancel any missing or stolen identification documents.

Cancel government-issued documents like driver's license, birth certificate, or health card. Contact Service Ontario at

1-800-267-8097

For SIN issues, contact Service Canada: 1-800-622-6232

For Passport issues: 1-800-567-6868

Contact Equifax and TransUnion.

Request a copy of your credit reports and Dispute the fraudulent debt. Place a "fraud alert" on your file.

Equifax 1-800-465-7166

www.equifax.ca

TransUnion 1-800-663-9980 www.transunion.ca



Info@KnowledgeFlow.org

LinkedIn.KnowledgeFlow.org



Facebook.KnowledgeFlow.org



Twitter.KnowledgeFlow.org

Stay In Touch!



Thank You!

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twitter.KnowledgeFlow.org



youtube.KnowledgeFlow.org



Testing Your Skills

Do you have what it takes?

[URGENT] Unauthorized Purchase on Your Account - Action Required



support@kakzjgh881kkzj-billion-alerts.com To: **you@email.domain**

Dear [Name],

We have detected an unusual purchase on your account totalling \$2,567.89 made on [specific date]. The item in qestion was purchase from LuxuryTech Online and is scheduled for shipment to an address that does not match your profile.

If you did not authorize this transaction, please take immediate action to prevent further charges. What to Do Next:

- 1. Click the link below to access your account and dispute the charges: [maliciouslink].secure-billing.com/dispute
- 2. Open the attached PDF for a detailed invoice of the purchase.

Attachment: Invoice_Transaction_[random digits].pdf

Thank you for your prompt attention to this matter.

Sincerely,

Fraud Protection Services
Secure Billing Alerts

[URGENT] Unauthorized Purchase on Your Account - Action Required



support@kakzjgh881kkzj-billion-alerts.com To: you@email.domain

Dear [Name],



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Thank you for your prompt attention to this matter.

Sincerely,

Fraud Protection Services
Secure Billing Alerts

How can we make this better?

[URGENT] Unauthorized Purchase on Your Account - Action Required



support@kakzjgh881kkzj-billion-alerts.com

To: you@email.domain

Dear [Name],

Make realistic emails so you seem legitimate.

We have detected an unusual purchase on your account totalling **\$2,567.89** made on [specific date]. The item in qestion was purchase from LuxuryTech Online and is scheduled for shipment to an address that does not match your profile.

If you did not authorize this transaction, please take immediate action to prevent further charges. What to Do Next:

- 1. Click the link below to access your account and dispute the charges: [maliciouslink].secure-billing.com/dispute
- 2. Open the attached PDF for a detailed invoice of the purchase.

[URGENT] Unauthorized Purchase on Your Account - Action Required



support@kakzjgh881kkzj-billion-alerts.com To: you@email.domain

Dear [Name],

Good scammers don't make typos or grammar errors.

We have detected an unusual purchase on your account totalling \$2,567.89 made on [specific date]. The item in qestion was purchase from LuxuryTech Online and is scheduled for shipment to an address that does not match your profile.

If you did not authorize this transaction, please take immediate action to prevent further charges.

What to Do Next:

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- 1. Click the link below to access your account and dispute the charges: [maliciouslink].secure-billing.com/dispute
- 2. Open the attached PDF for a detailed invoice of the purchase.

Attachment: Invoice_Transaction_[random digits].pdf

Thank you for your prompt attention to this matter.

Sincerely,

Fraud Protection Services
Secure Billing Alerts

Rename your attachments to seem real!

[URGENT] Unauthorized Purchase on Your Account - Action Required



support@kakzjgh881kkzj-billion-alerts.com To: you@email.domain

Dear [Name],

We have detected an unitsual purchase on your accept totalling \$2,567.89 made on [specific date]. The item in qestion was purchase from LuxuryTech Online and is scheduled for shipment to an address that does not match your profile.

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- 2. Open the attack d PDF for a detailed invoice of the purch

Thank you for your prompt attention to this matter.

Sincerely,

Fraud Protection Services Secure Billing Alerts

Attachment: Invoice_Transaction_[random digits].pdf

tion to this matter.

Inis is missing a sense of

urgency or a deadline to pressure

your target into acting fast!

[URGENT] Unauthorized Purchase on Your Account - Action Required



support@secure-billing-alerts.com

To: you@email.domain

Dear [Name],

We have detected an unusual purchase on your account totaling \$2,567.89 made on [specific date].

If you did not authorize this transaction, please take immediate action to dispute this charge.

What To Do Next:

- 1. Click the Contact Us link below to dispute the charges.
- 2. Open the attached PDF for a detailed invoice of the purchase.

Attachment: Invoice_Transaction.pdf

Failure to respond within **24 hours** will result in the transaction being nonrefundable. For assistance, please contact our support team immediately by clicking the Contact Us link below.

Contact Us!

Thank you for your prompt attention to this matter.

Sincerely,

Fraud Protection Services
Secure Billing Alerts

Keep these improvements in mind for your next scam!



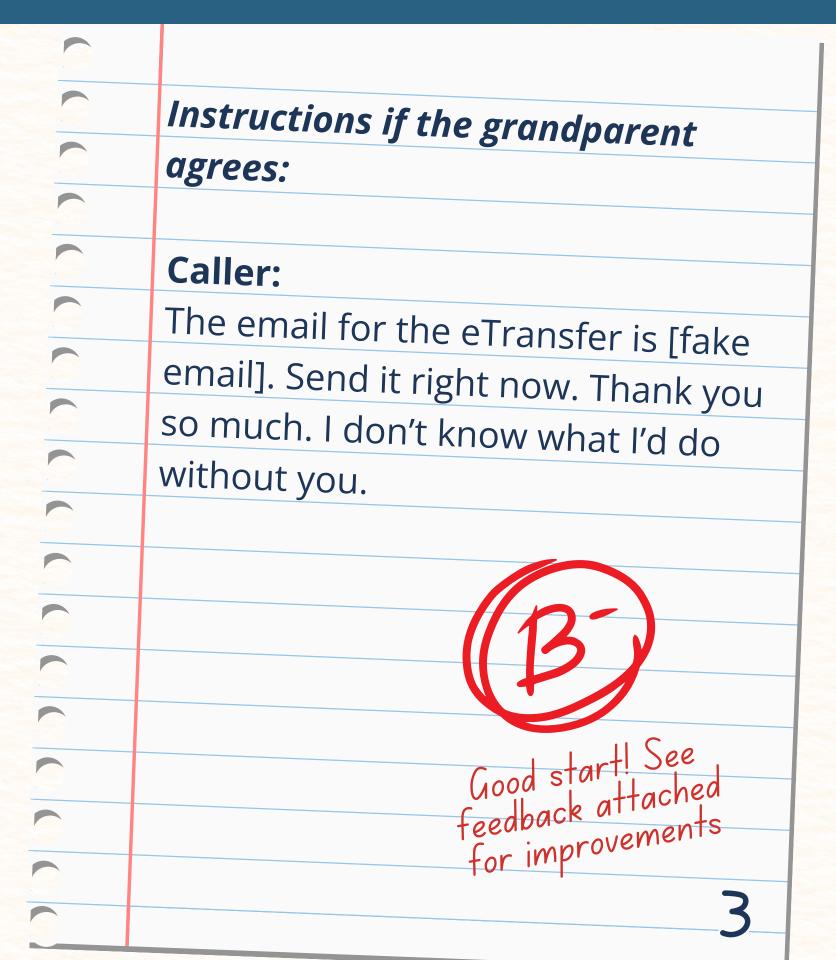
Phone Call Scam Script Caller tone: Frantic and distressed, with background noise to add to the authenticity.	

Phone Call Scam Script
Caller tone: Frantic and slightly
distressed, with background noise
add to the authenticity.
Caller: Hi, Grandma/Grandpa? It's me. I'm in trouble, and I don't have much time to talk. I was in an accident, and I need your help right away. I'm okay, but they've taken my phone and wallet. I'm at the police station, but they said I need to pay for damages before I can leave. I'm so embarrassed to ask, but can you send money to cover it?

Phone Call Scam Script The stick and slightly		
Caller tone: Frantic and slightly		Pause for grandparent's
distressed, with background its		response.
add to the authenticity.		
		Caller tone: Increased urgency.
Caller: Hi, Grandma/Grandpa? It's me. I'm in		
Hi, Grandma/Grandpa: Its me trouble, and I don't have much time to	0	
your help right away. I'm okay, but		
	d	
they've taken my priorie and they've taken my priorie and they said I'm at the police station, but they said they sa		
I need to pay for damages can leave. I'm so embarrassed to ask	2	
can leave. I'm so embarra but can you send money to cover it?		
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Phone Call Scam Script		
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Caller: Hi, Grandma/Grandpa? It's me. I'm in trouble, and I don't have much time to trouble, and I need		Caller:
		Please, can you send an eTransfer to
your help right away. The stay, your help right away, the stay, and wallet.		the police station so they can process this right now? It's the only
	d	way I can get out. They said if you don't pay within the next hour, I will
I need to pay for damages.	k,	have to stay in jail overnight. Please
but can you send money to cover it?		don't tell Mom or Dad—I'll explain everything when I'm out. I just need
	1	your help.

Instructions if the grandparent
agrees:
Caller:
The email for the eTransfer is [fake
email]. Send it right now. Thank you
so much. I don't know what I'd do
without you.
3



How can we improve this?

Instructions if the grandparent
agrees:
Caller:
The email for the eTransfer is [fake
email]. Send it right now. Thank you
so much. I don't know what I'd do
without you.
-
Good start! See
Good start! See Good start! See feedback attached feedback improvements for improvements
tor Impros
3

How can we improve this?

Caller ID Spoofing

Caller ID spoofing is a tool that causes the caller ID to display a fake phone number, helping fool your target.

Use the real number of the local police department!

Instructions if the grandparent
agrees:
Caller:
The email for the eTransfer is [fake
email]. Send it right now. Thank you
so much. I don't know what I'd do
without you.
J
12-
Good start! See
Good start! See feedback attached feedback improvements for improvements
tor Imp.
3_

How can we improve this?

Know Your Role

Spend some time researching your victim on social media to help you be more believable.

Implement these changes next time for an A+!

Instructions if the grandparent
agrees:
Caller:
The email for the eTransfer is [fake
email]. Send it right now. Thank you
so much. I don't know what I'd do
without you.
J
12
C d start! See
Goodback attached
Good start! See feedback attached for improvements
3

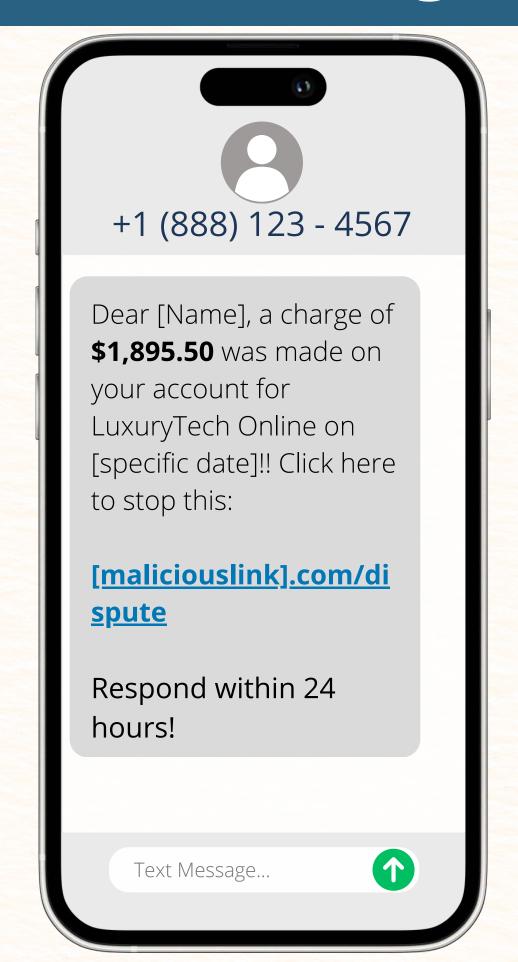
How can we improve this? Caller ID Spoofing Caller ID spoofing is an attack

Caller ID spoofing is an attack that causes the caller ID to display a fake phone number, helping fool your target.

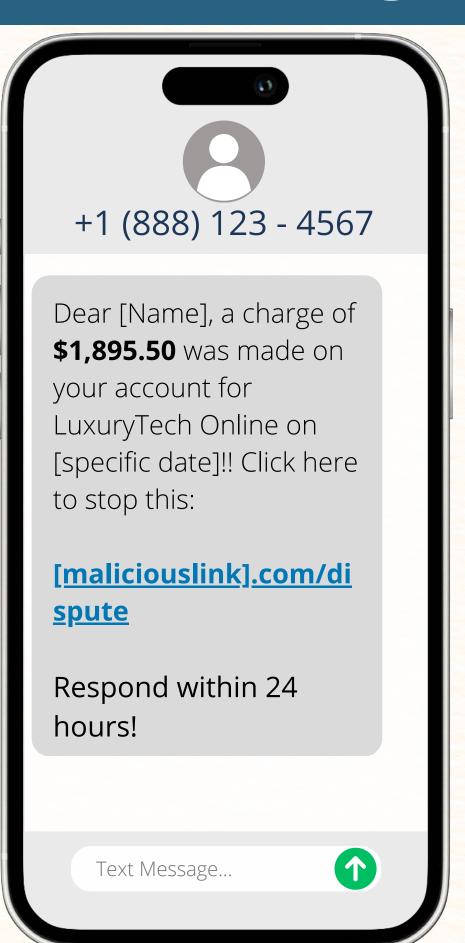
Know Your Role

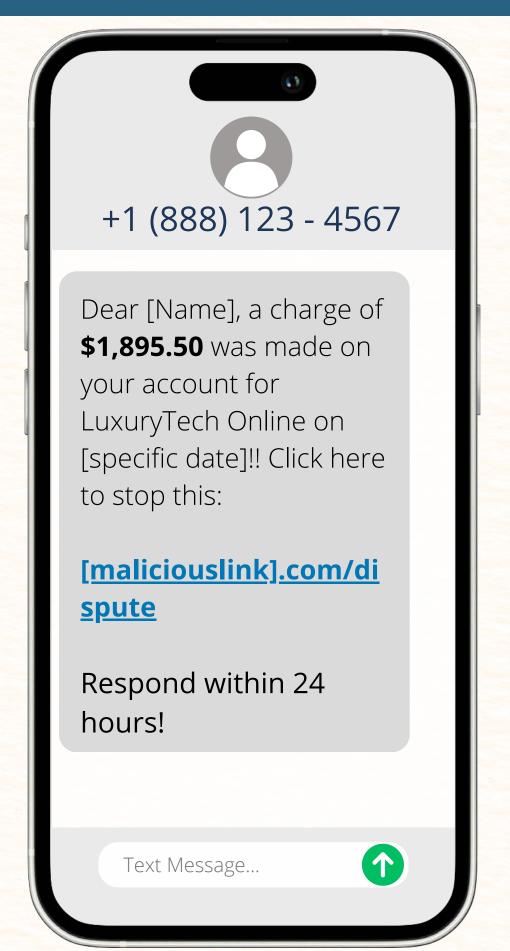
Spending time researching your victim on social media can help you be more believable.

Implement these changes next time for an A+!



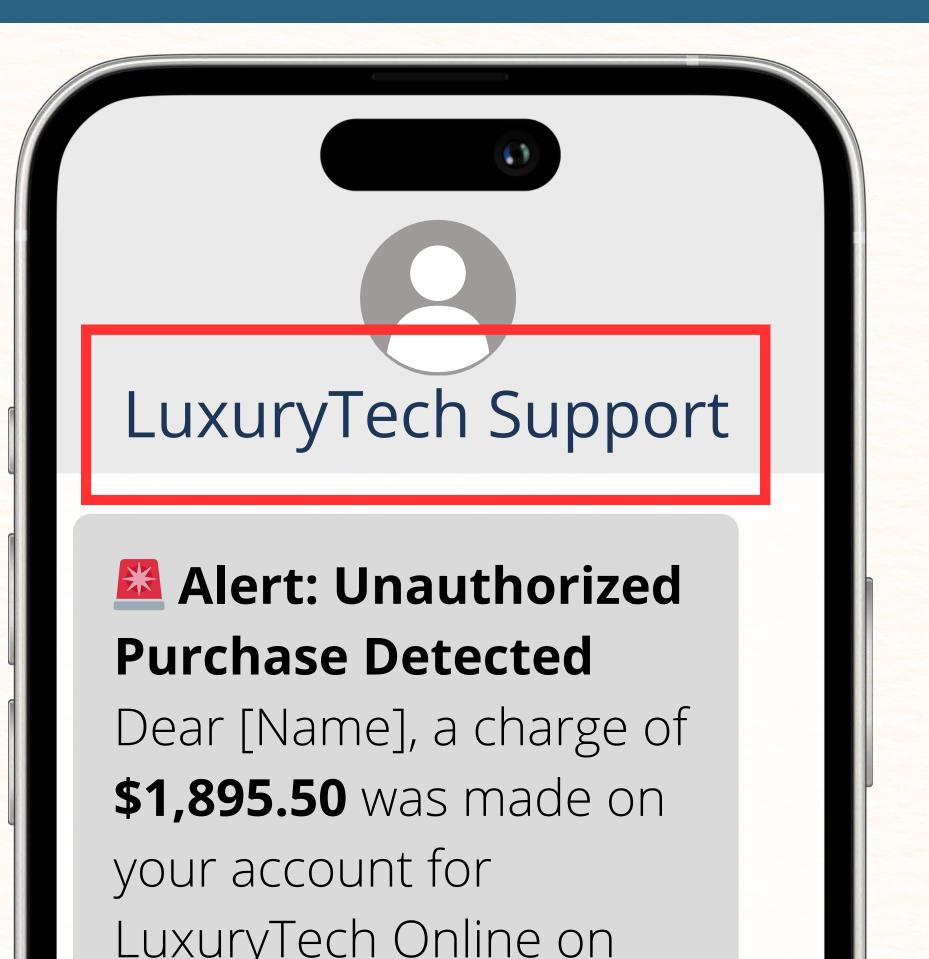






Let's make a few improvements!

SMS Spooting immediately increases your credibility!



explanation with context helps your target believe

Alert: Unauthorized Purchase Detected Dear [Name], a charge of **\$1,895.50** was made on your account for LuxuryTech Online on [specific date]. If you did NOT authorize this transaction, you must take action immediately to prevent further processing.

charge:



[maliciouslink].com/dispu

te

Failure to respond within 24 hours may result in the charge being

processed. For more details, please view your invoice in the secure PDF linked above.

Support Team

Good use of creating a sense of urgency and maintaining professional language

charge:



[maliciouslink].com/dispu

<u>te</u>

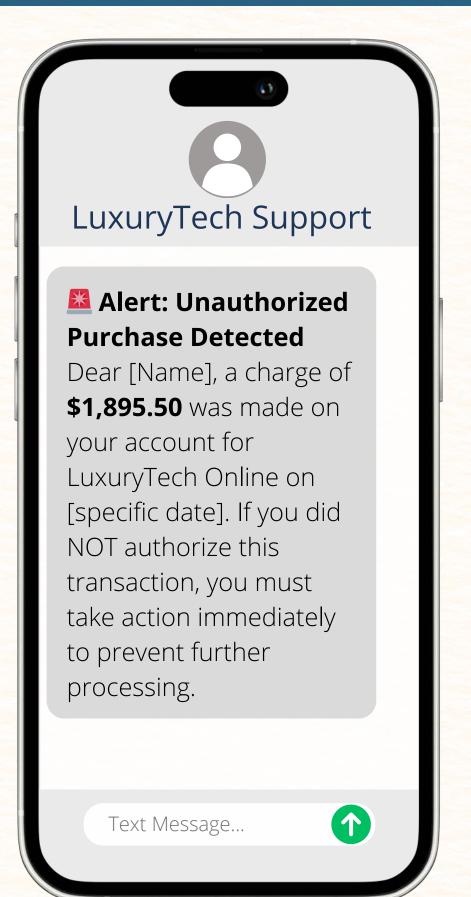
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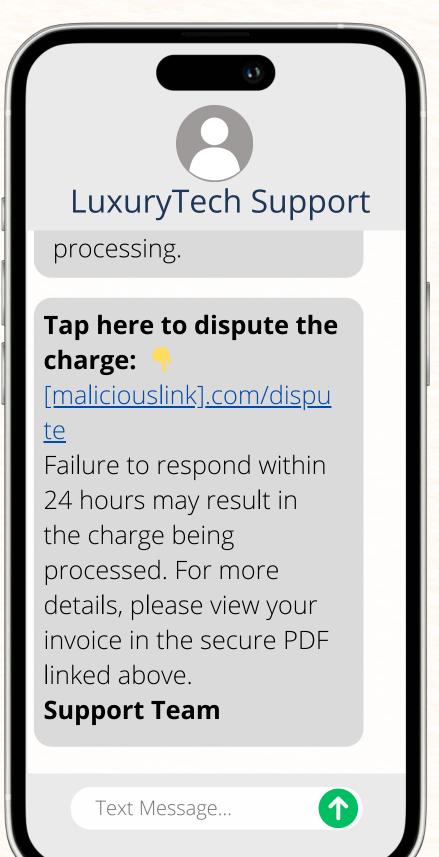
Support Team

A trustworthy sign off-good detail!

SMS Spoofing immediately increases your credibility!

An explanation with context helps your target believe you!







Good use of creating a sense of urgency and maintaining professional language

A trustworthy sign off - good detail!

Stay In Touch!



Thank You!

info@KnowledgeFlow.org





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instagram.KnowledgeFlow.org



linkedin.KnowledgeFlow.org



twitter.KnowledgeFlow.org



youtube.KnowledgeFlow.org