

The background image is a black and white aerial photograph of the New York City skyline, featuring numerous skyscrapers and the East River with bridges. Overlaid on the image are several translucent, light-colored geometric shapes, including triangles and rectangles, which represent network nodes and connections. These shapes are concentrated around specific buildings, such as the Empire State Building and the One World Trade Center. Two solid orange rectangular boxes are placed on the image. The top box contains the title 'DeepFakes' in white, sans-serif font. The bottom box contains the subtitle 'The Lies We Can't See' in a slightly smaller white font.

DeepFakes

The Lies We Can't See

Who am I?



GEORGE PROOROCU

IT OPS Chapter Lead
Cybersecurity and Fraud





Deep fakes

Scenarios



**Audio
deepfake**



**C-level
impersonation**



1

ATTACKERS

Are doing an extensive research on social media and further they create a model of the voice of one of the people, which they will use for the scam.

2

FRAUD

Targeting people that know each other very well and can be social engineered to quickly pay an amount.

3

GOAL

They will try to make the victim to wire an amount either in a mule bank account or in a crypto wallet controlled by the scammer.

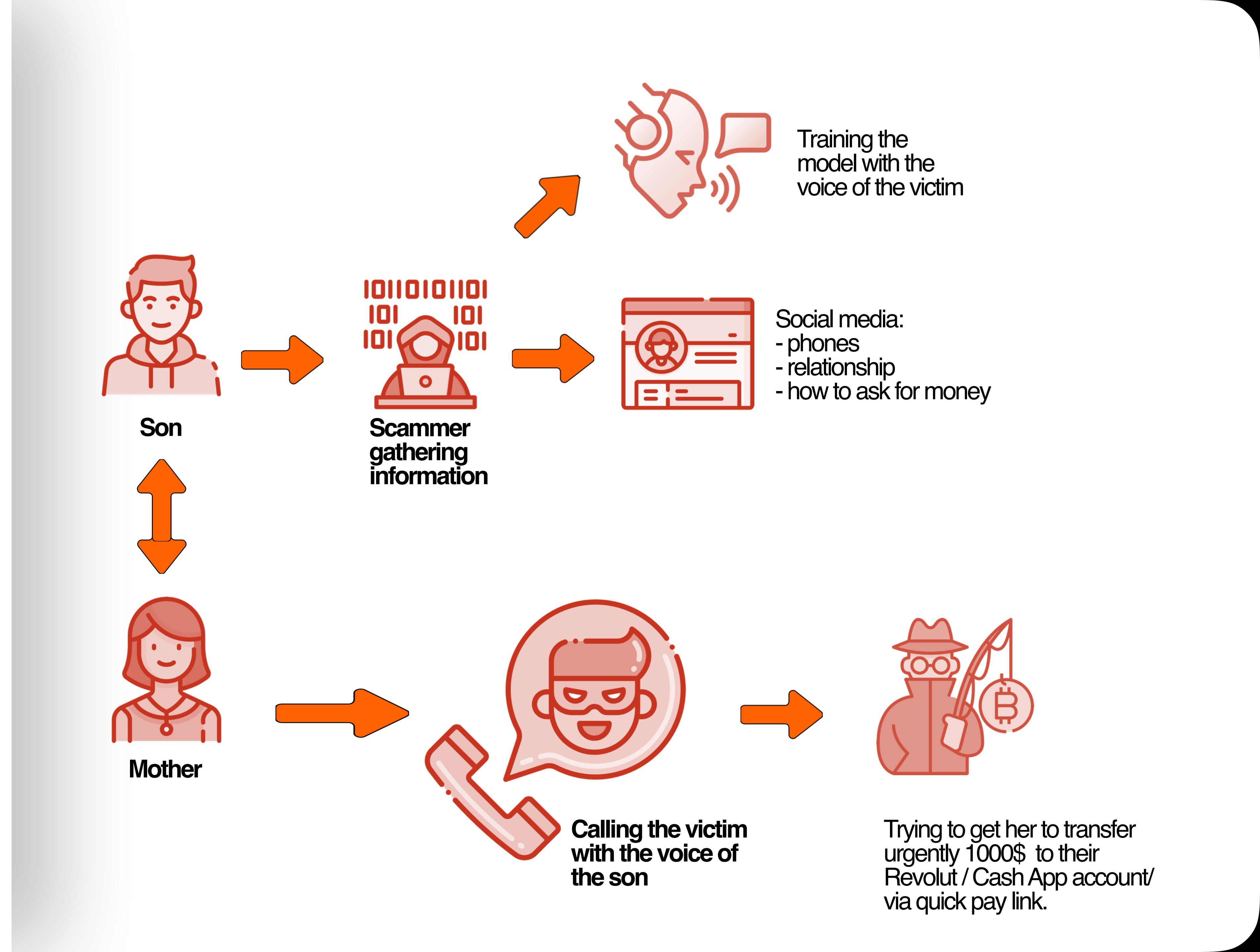


Scenario #1



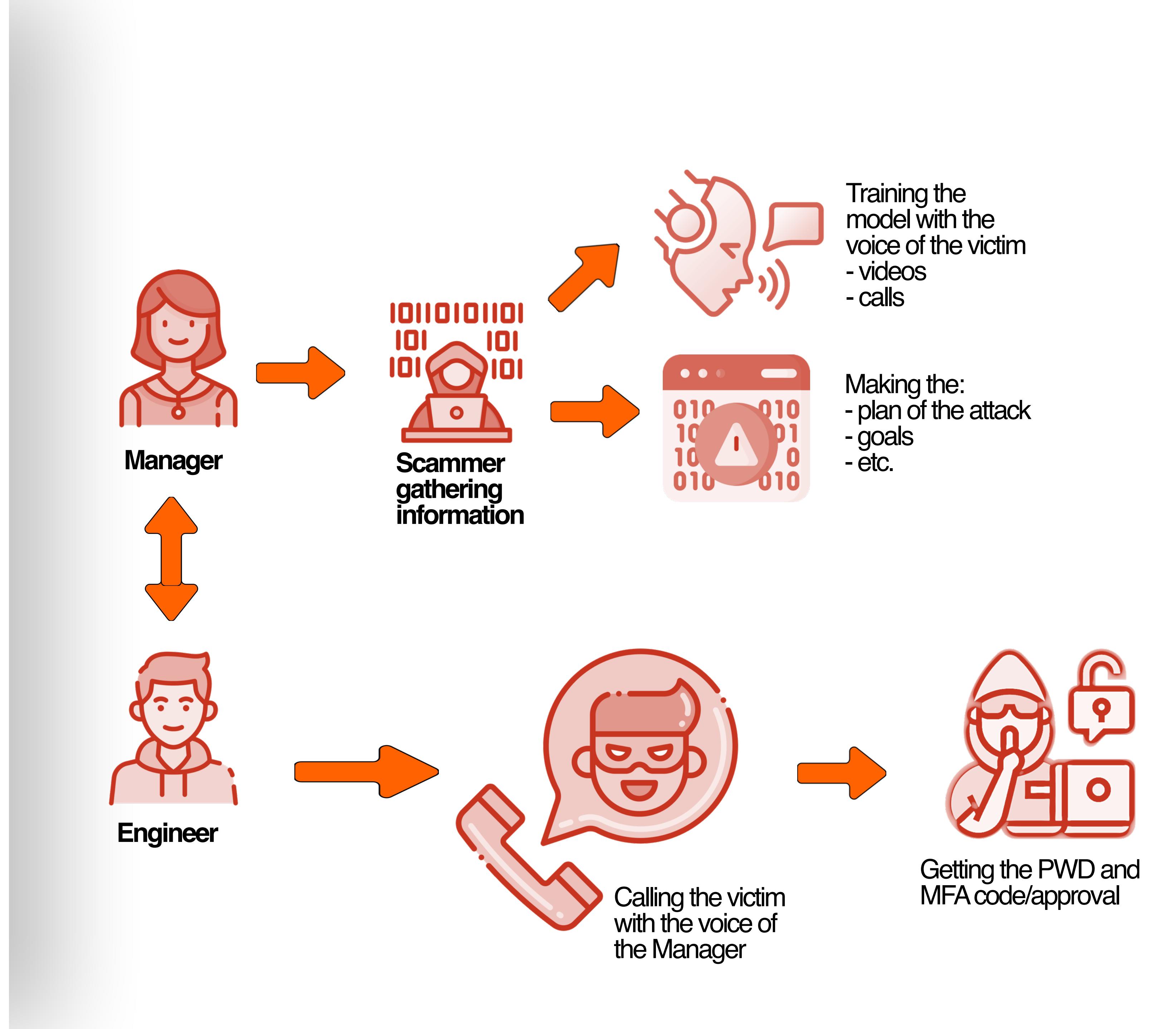
How the scam works?

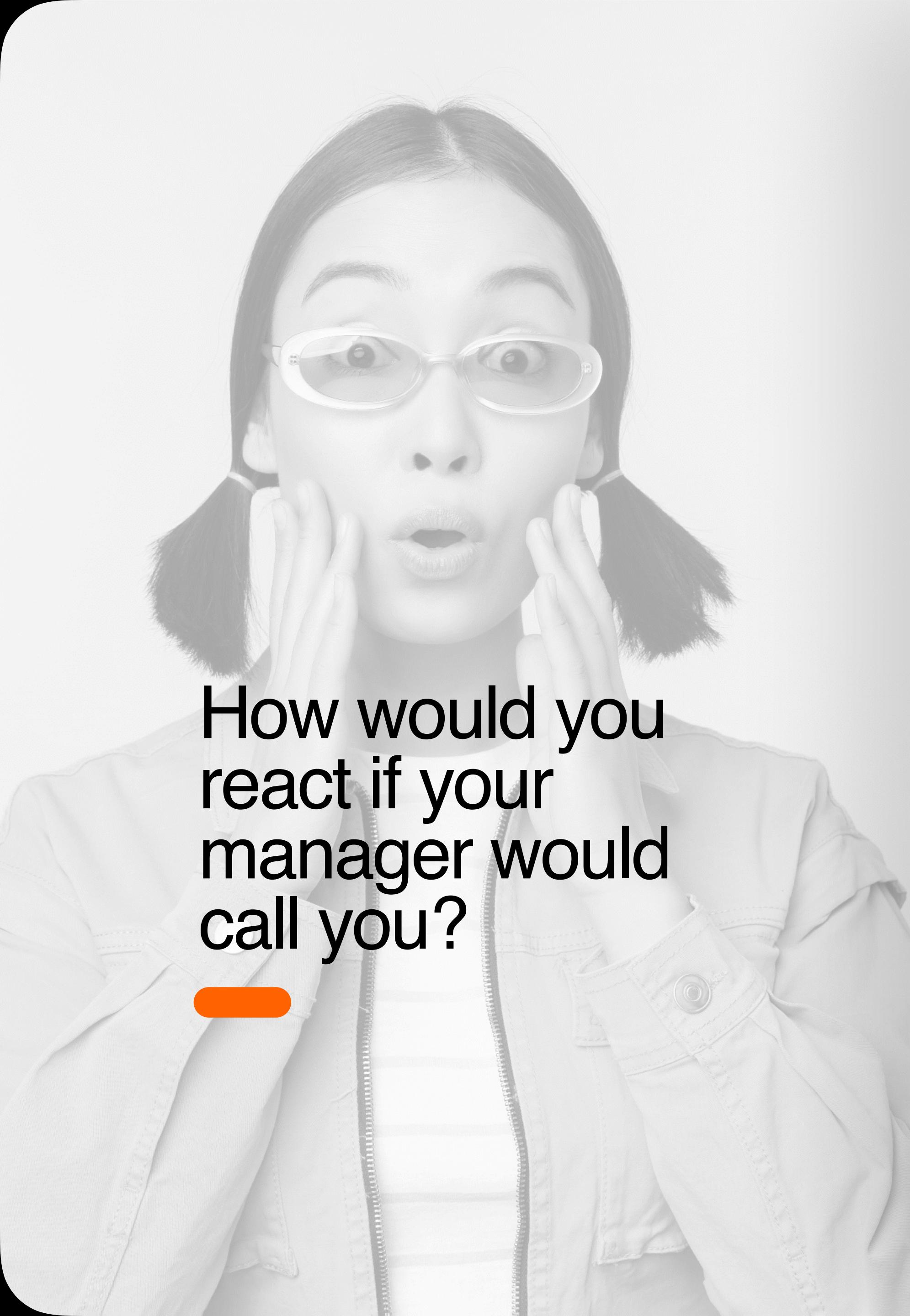
Accident Scam 2.0





How can it be used in an enterprise attack?

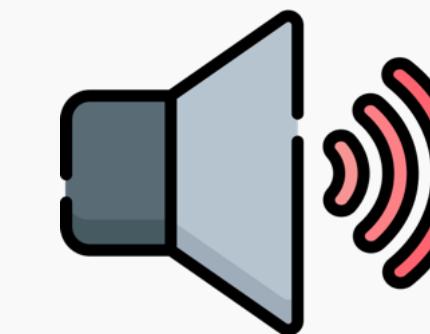
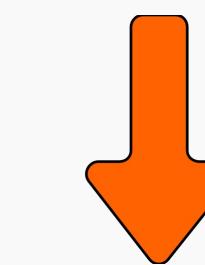




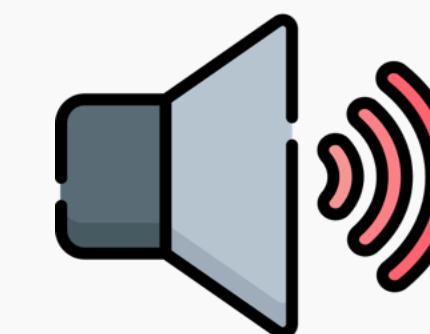
How would you
react if your
manager would
call you?



Scammer with the voice
of Mihai's manager,
Olivia



Original voice of scammer



Cloned voice
(can be used in a live-feed / call)



Mihai, the SysAdmin

Maximize the revenue
of your page here

Nin. 37,528

The Daily News

MELBOURNE, AUSTRALIA

www.worldnews.net
www.worldnews.com
17-03-24

DEEPCODE AI

DEEPCODE AI

In an ideal world this website wouldn't exist, a client would acknowledge the importance of having web copy before the design starts. However, it's very important, content is king and people are beginning to understand that. However, back over in reality some project schedules and budgets don't allow for web copy to be written before the design phase, this is not true. We're here to help, we've written an example of web copy that covers an informative bio page to give an example of what you can expect from us. It's time to change your perspective on web copy and help you think about what and what you are changing for. We want clients and designers alike to think about their design and how it will work with the web copy we write for



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1

ATTACKERS

Are gathering data
about the target
company

2

TARGET

Julia, the accountant
which can make large
bank transfers

3

GOAL

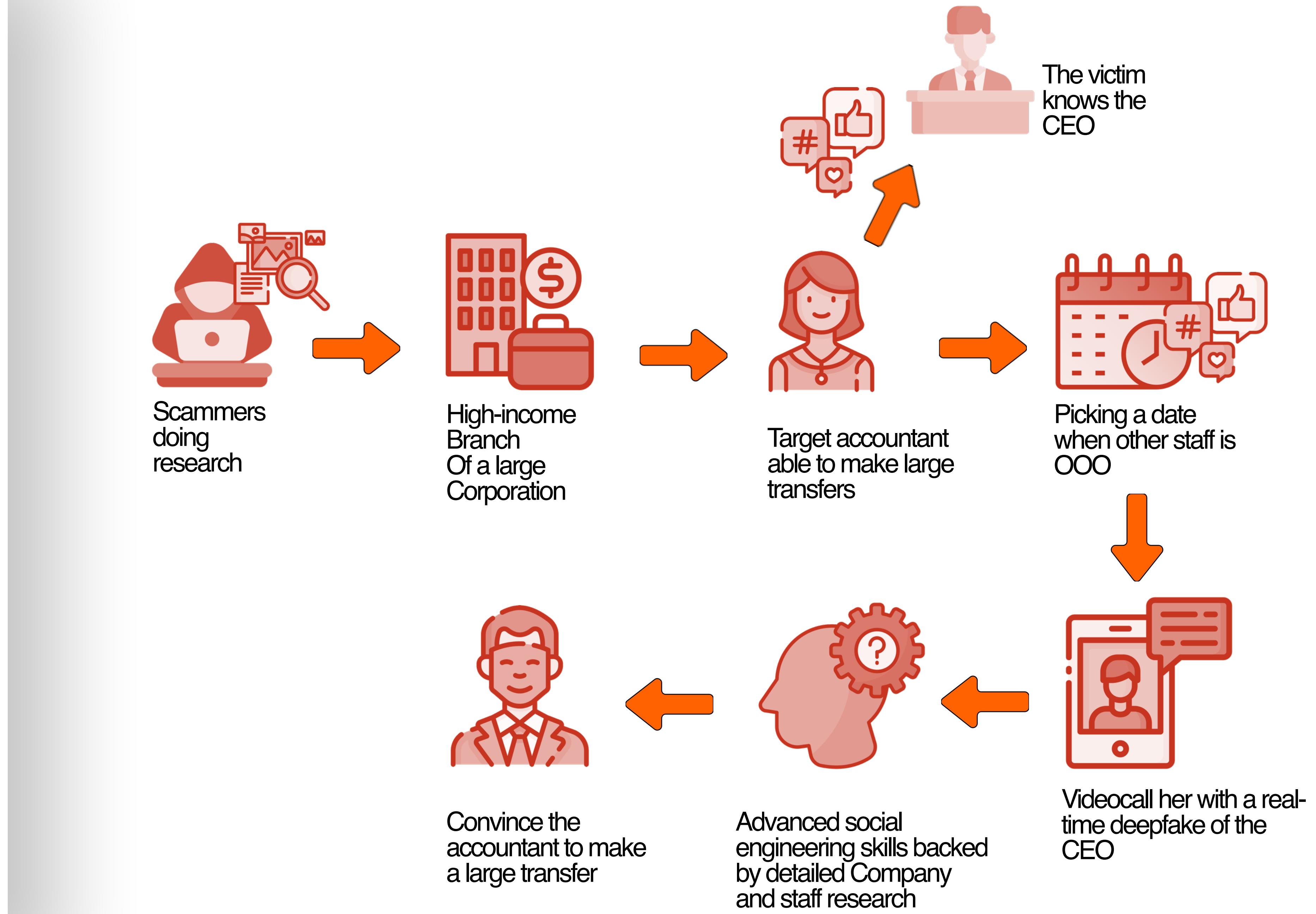
Transfer 2 million \$
In one of their mule
accounts



Scenario #2



How the attack works?



▼ Source frame

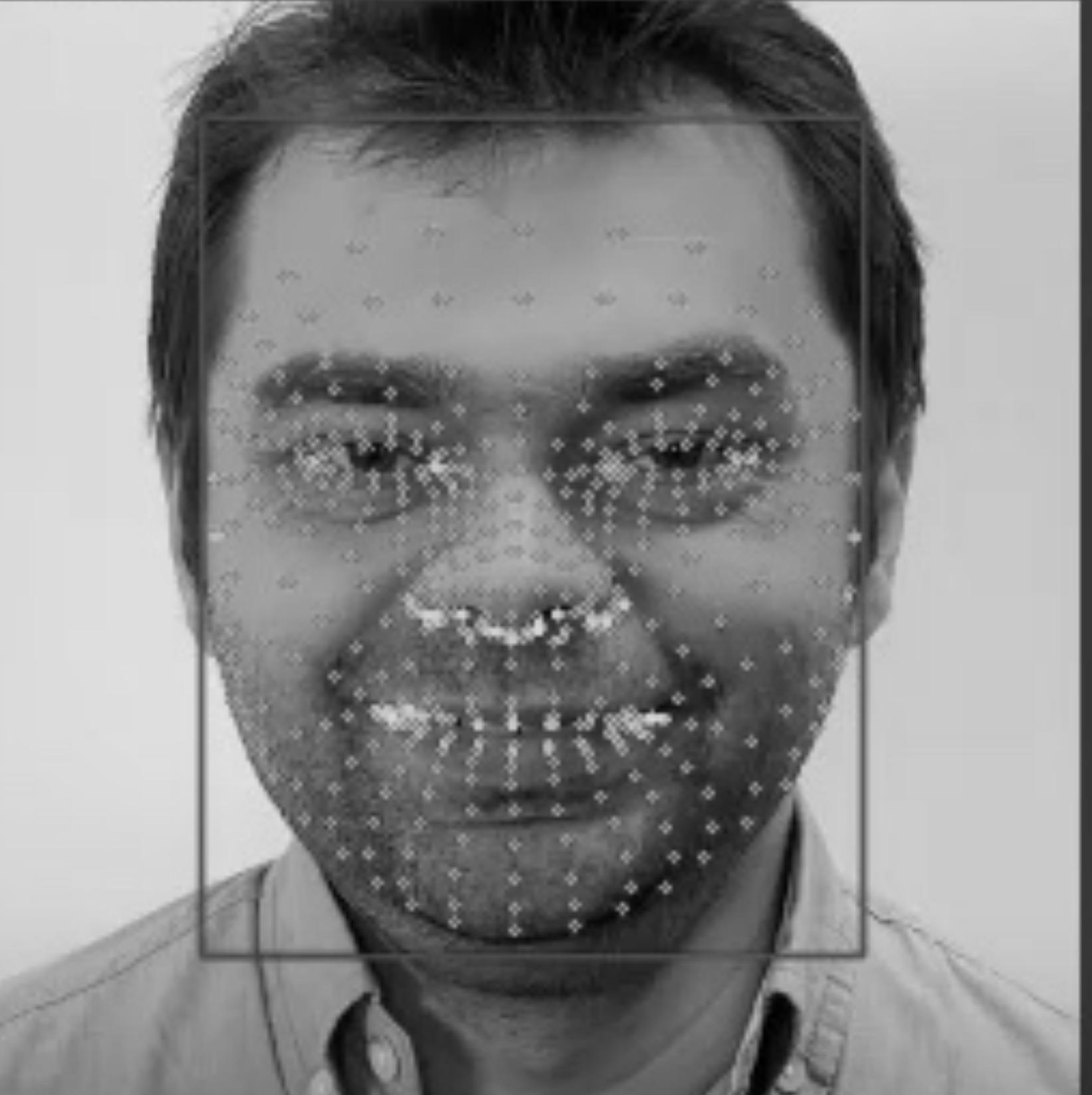


VIDEO INPUT



Fraudster

▼ Aligned face



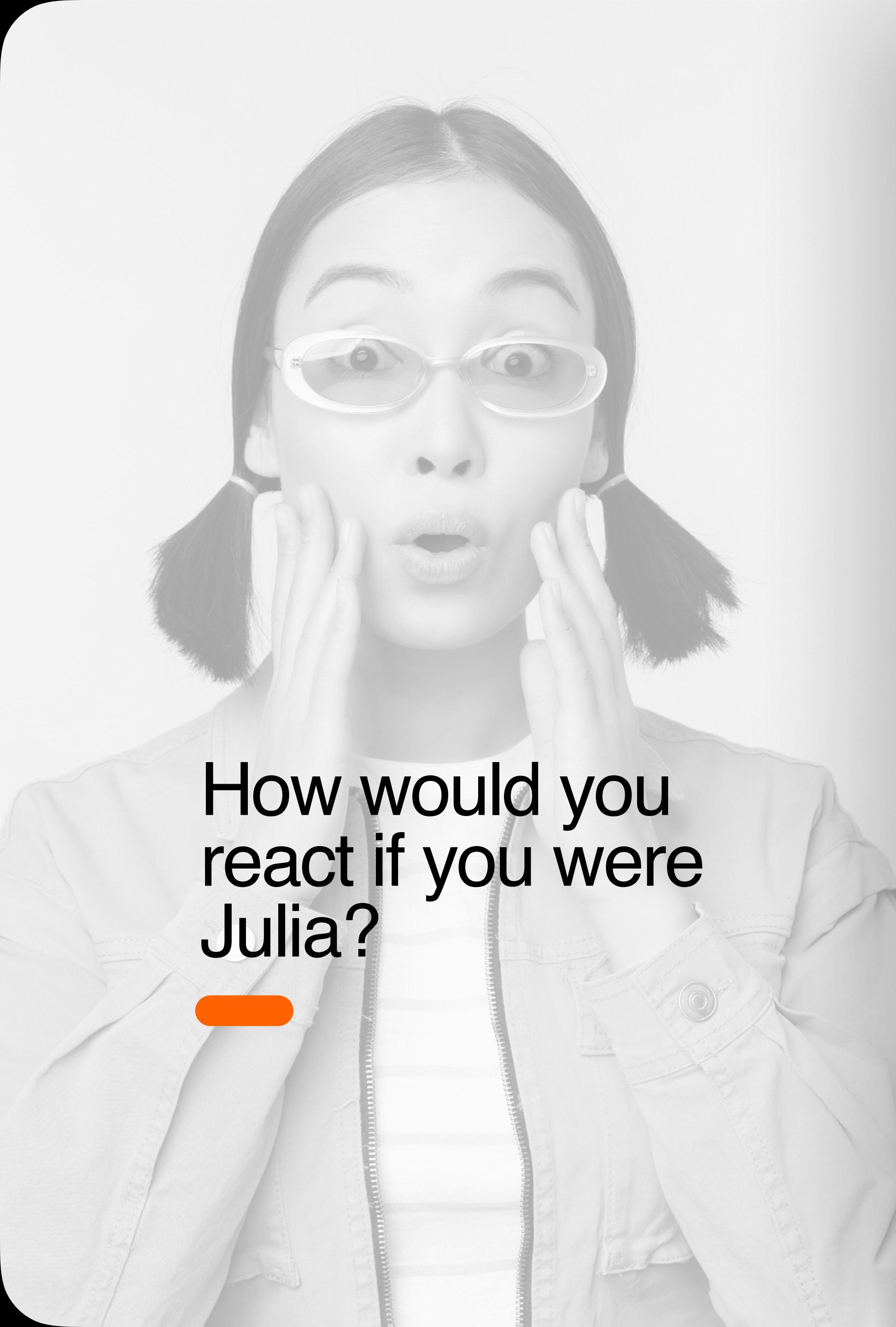
▼ Swapped face



DEEP FAKE
OUTPUT



Real CEO



How would you
react if you were
Julia?



CEO Facetime



Demo





REALTIME VIDEO
INPUT



REALTIME DEEP FAKE
OUTPUT



How it used to be a
while ago?



ORIGINAL VIDEO



ORIGINAL PHOTO



DEEP FAKE
OUTPUT



How is it now?

What
can we do
today?



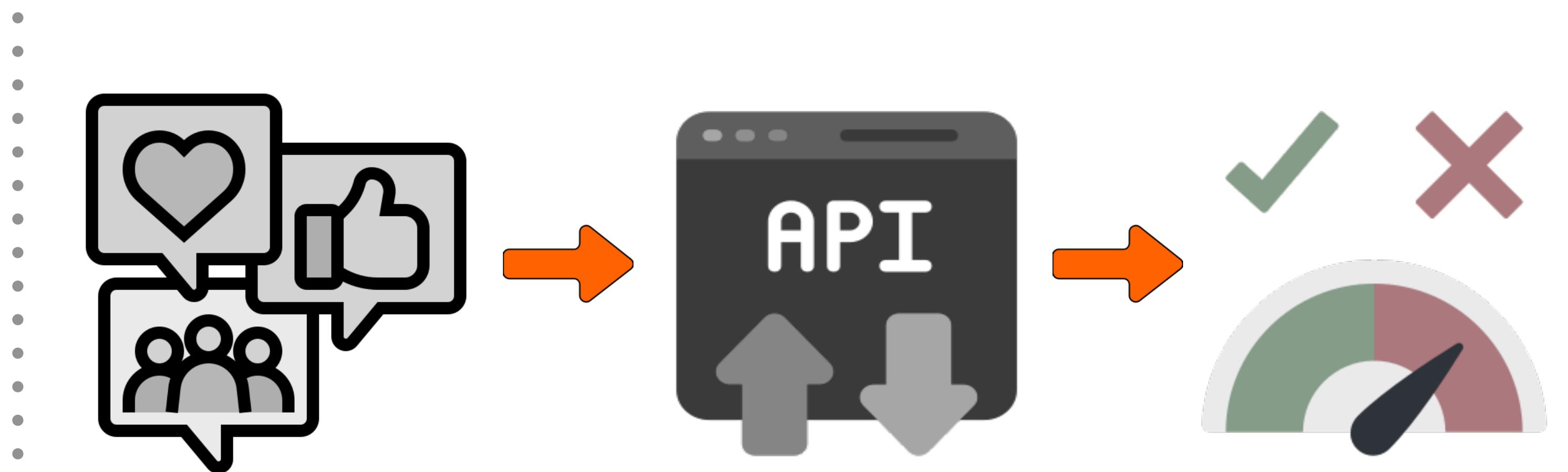
Awareness

Keywords

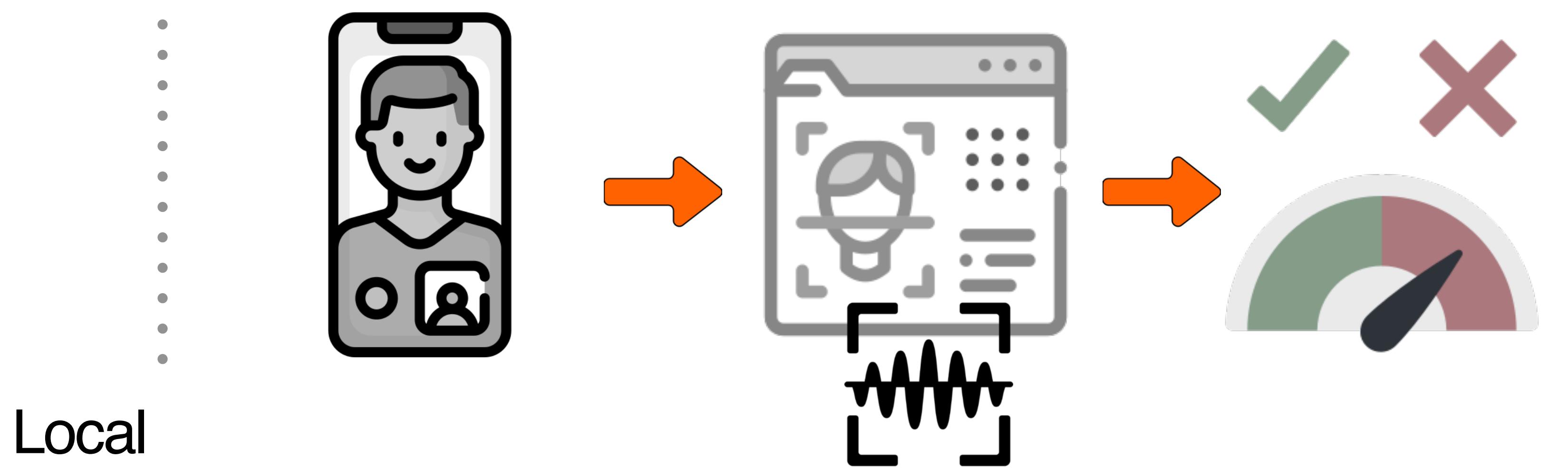
Be skeptical

Policies

Platform



The future



Local

Help I'm
looking for



Thank you!



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