



## CYBERSECURITY CHRONICLES

# KNOWING THE SOCIAL LANDSCAPE

**SOCIAL ENGINEERING CAN BE DEFINED AS THE "ART OF MANIPULATING PEOPLE SO THEY GIVE UP CONFIDENTIAL INFORMATION." ALSO KNOWN AS HUMAN HACKING, SOCIAL ENGINEERING COMES IN MANY FORMS – AND WITH ITS OWN LANGUAGE – AS THIEVES USE EVERY TRICK IN THEIR BAG TO GET WHAT YOU NEED TO PROTECT THE MOST: YOUR SENSITIVE PERSONAL INFORMATION.**

### PHISHING

WHEN A CYBERCRIMINAL POSES AS A LEGITIMATE INSTITUTION, *USUALLY VIA EMAIL*, IN AN ATTEMPT TO OBTAIN SENSITIVE PERSONAL INFORMATION.

**PayPal** — **Incorrect Logo**


**We need your help**

Your account has been suspended, as an error was detected in your informations. The reason for the error is not certain, but for security reasons, we have suspended your account temporarily. — **Poor Grammar**

We need you to update your informations for further use of your PayPal account.

**Update your information** — **Fake URL**

You are currently made disabled of :

	Adding a payment method	Sending payment
	Adding a billing address	Accepting payment

### SMISHING

SIMILAR TO PHISHING BUT CYBERCRIMINALS USE SMS, THE TECHNOLOGY BEHIND TEXT MESSAGING, TO TRY AND DECEIVE YOU.



ORDINARY PHISHING INVOLVES MALICIOUS EMAILS SENT TO A RANDOM ACCOUNT. SPEAR-PHISHING ARE TARGETED EMAILS DESIGNED TO APPEAR AS IF THEY COME FROM SOMEONE THE RECIPIENT KNOWS AND TRUSTS.

### SPEAR-PHISHING

From: John [REDACTED] [mailto:2701meyer@gmail.com]  
Sent: Wednesday, March 17, 2016 4:31 PM  
To: Lisa [REDACTED]  
Cc: Mnewtonn@yahoo.com  
Subject: RE: Invoice

Hi Lisa – I am presently out of town I am on my way to my cousin funeral that passed away last night.

I am unable to sign any paperwork from here as limited to some certain things like a printer and all.

Could the paperwork be signed online through my docuSign? transferring the money to my wells Fargo is not a good option I don't have my checks with me here

The invoice is overdue and I already promised to send payment to them today please let me know if docuSign can be accepted so we can get on it right away.

With regards

John [REDACTED]

WHEN SOMEONE PERSUADES A VICTIM TO GIVE OUT PERSONAL INFORMATION OR TRANSFER MONEY *OVER THE PHONE*, THIS IS KNOWN AS VISHING. THE CRIMINAL USUALLY CREATES A SENSE OF URGENCY AND ATTEMPTS TO GAIN TRUST BY KNOWING INFORMATION ABOUT THE VICTIM AND PRETENDING TO BE A TRUSTED SOURCE (SUCH AS A FINANCIAL INSTITUTION).



### VISHING

### BAD GUY'S ON THE LINE!



### WEBSITE SPOOFING

THE CREATION OF A *SHADOW WEBSITE* THAT IS A NEAR REPLICA OF AN ACTUAL SITE.

 Find Us   FAQs   Contact Us   Log On	 Find Us   FAQs   Contact Us   Log On
Welcome to Chase.com	Welcome to Chase.com
User Login	User Login
User ID	User ID
Password	Password
<b>Log On</b>	<b>Log On</b>
© 2013 JPMorgan Chase & Co.	Home   Privacy Notice
Home   Privacy and Security   Log On	<b>FAKE PAGE</b>

### RANSOMWARE

A FORM OF MALICIOUS SOFTWARE THAT *TAKES OVER YOUR COMPUTER* AND THREATENS YOU WITH HARM, USUALLY BY DENYING YOU ACCESS TO YOUR OWN DATA. RANSOMWARE WILL LOCK YOUR COMPUTER AND DEMAND PAYMENT IN ORDER TO UNLOCK IT.

### YOUR COMPUTER HAS BEEN LOCKED!

This operating system is locked due to the violation of the federal laws of the United States of America (Article 1, Section 8, Clause 8; Article 202; Article 210 of the Criminal Code of U.S.A., provides for a deprivation of liberty for four to twelve years.)  
Following violations were detected:  
Your IP address was used to visit websites containing pornography, child pornography, zoophilia and child abuse. Your computer also contains video files with pornographic content, elements of violence and child pornography! Spam-messages with terrorist motives were also sent from your computer.  
This computer lock is aimed to stop your illegal activity.

To unlock the computer you are obliged to pay a fine of \$200.

You have 72 hours to pay the fine, otherwise you will be arrested.

You must pay the fine through

To pay the fine, you should enter the digits resulting code, which is located on the back of your [REDACTED] in the payment form and press OK (If you have several codes, enter them one after the other and press OK).

