



# Cybersecurity Awareness

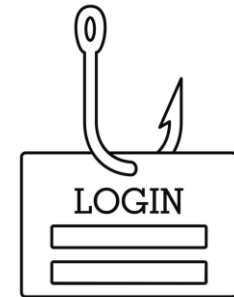
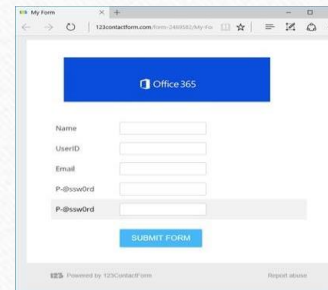
# Why Cybersecurity Awareness?

# Famous Cyber Attacks

- Uber



2022

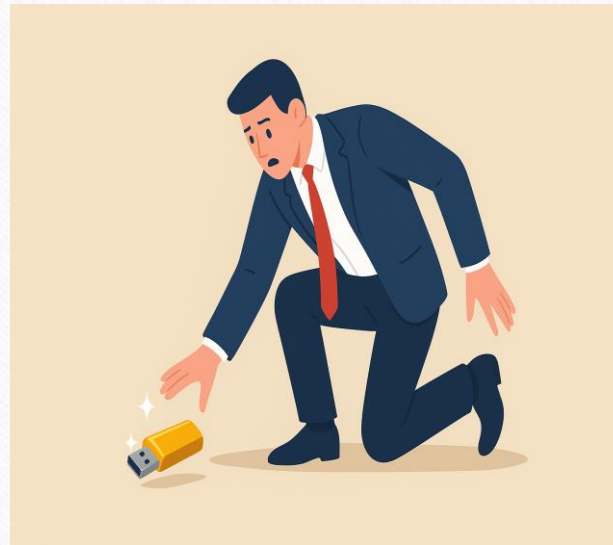


Phishing



# Famous Cyber Attacks

- Stuxnet – Iran 2010



# Famous Cyber Attacks

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- Aramco – Saudi Arabia 2012

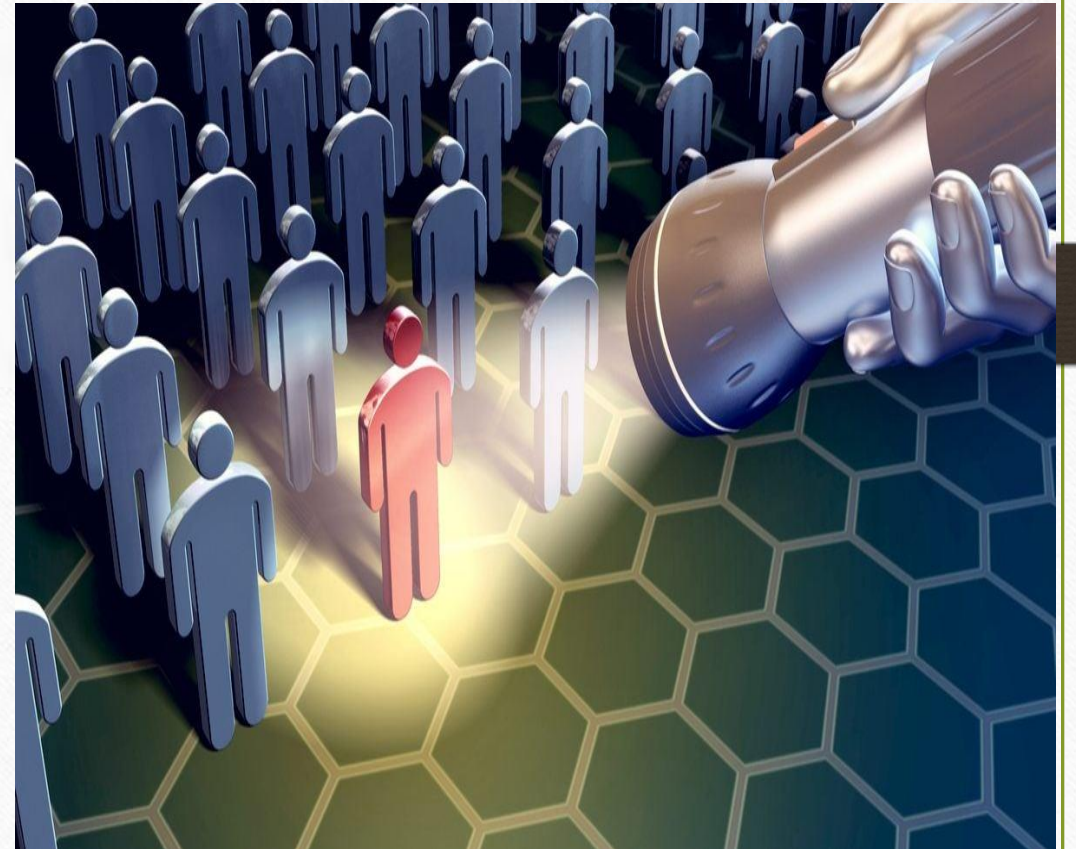




# Internal Threats – A Top Priority for Attackers

**The easiest way for attackers to break in is through the front door—our employees**

- Most attacks start with employee mistakes.
- Employees are the “front door” for hackers.
- 70% of incidents involve internal factors.



# Table of Contents

## HOW

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1. Safe Internet Use
2. Social Media Risk
3. Social Engineering
4. Protect & Secure
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6. Conclusion







# Safe Internet Use



# How to Use the Internet Safely

HTTP



⚠ Not secure

www.examplewebsite.com

HTTPS



🔒 Secure

https://www.examplewebsite.com

HTTP



Wissal

http://www.sitesbay.com

password: abc123



Without password encryption  
Hacker see "abc123"

HTTPS



Mohamed

https://www.sitesbay.com

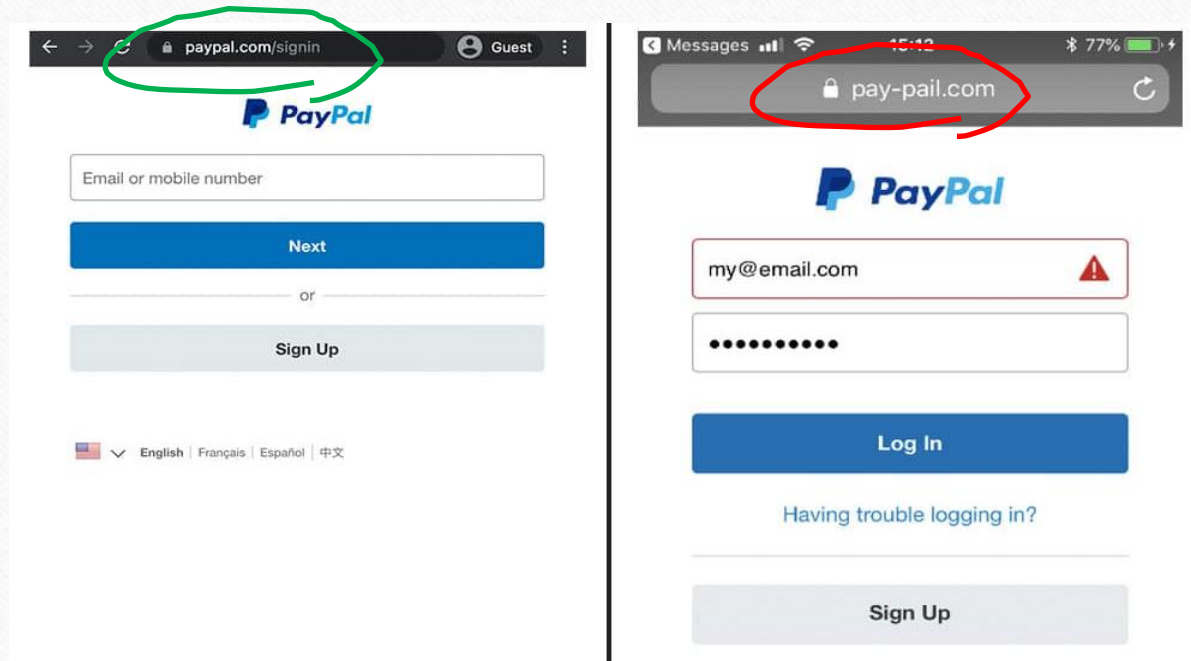
password: abc123



With password encryption  
Hacker see "xyaerXzabc"

# How to Use the Internet Safely

## Phishing



Real

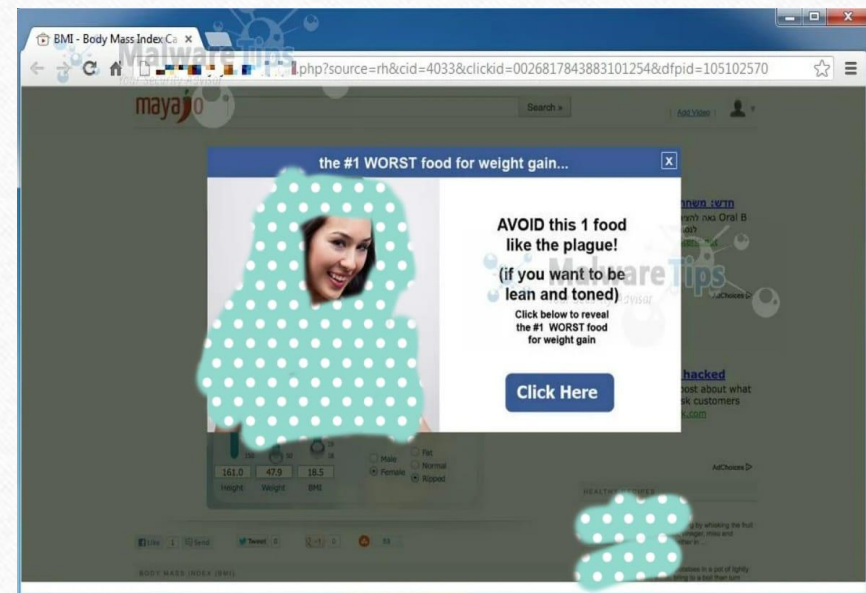
**FAKE!!**



# How to Use the Internet Safely



Fake Virus Alert



Fake Ads



# Social Media Risk





# How to Avoid Social Media Risk

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Use **Strong Passwords**



Use **2FA**



Check **Privacy Settings**



Don't Click on **Suspicious Links**



Verify **Friend Requests**



Be Careful **What You Share**





# Social Engineering

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Phishing



Pretexting



Baiting



Tailgating





# How to Detect and Avoid Social Engineering

Verify identity.



Avoid suspicious links.



Don't use unknown files/USBs.

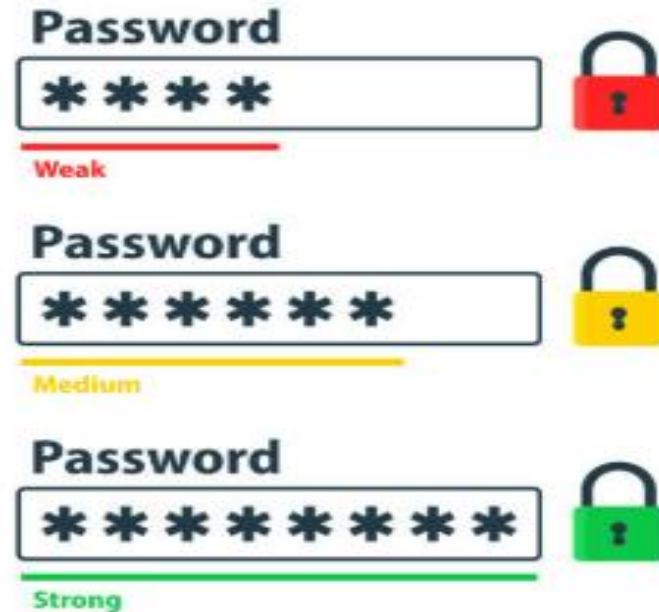


Stay alert.



**Protect & Secure**

# How to Secure (Username and Password)





# How to Secure (Username and Password)

## Take the Password Test

**Tip:** Stronger passwords use different types of characters

Show password: ☒

123

Very Weak

3 characters containing:

Lower case

Upper case

Numbers

Symbols

Time to crack your password:

0 seconds

## Take the Password Test

**Tip:** Stronger passwords use different types of characters

Show password: ☒

P%\$&^%kndbfk5|

Very Strong

13 characters containing:

Lower case

Upper case

Numbers

Symbols

Time to crack your password:

7 billion years

# Phishing E-Mail



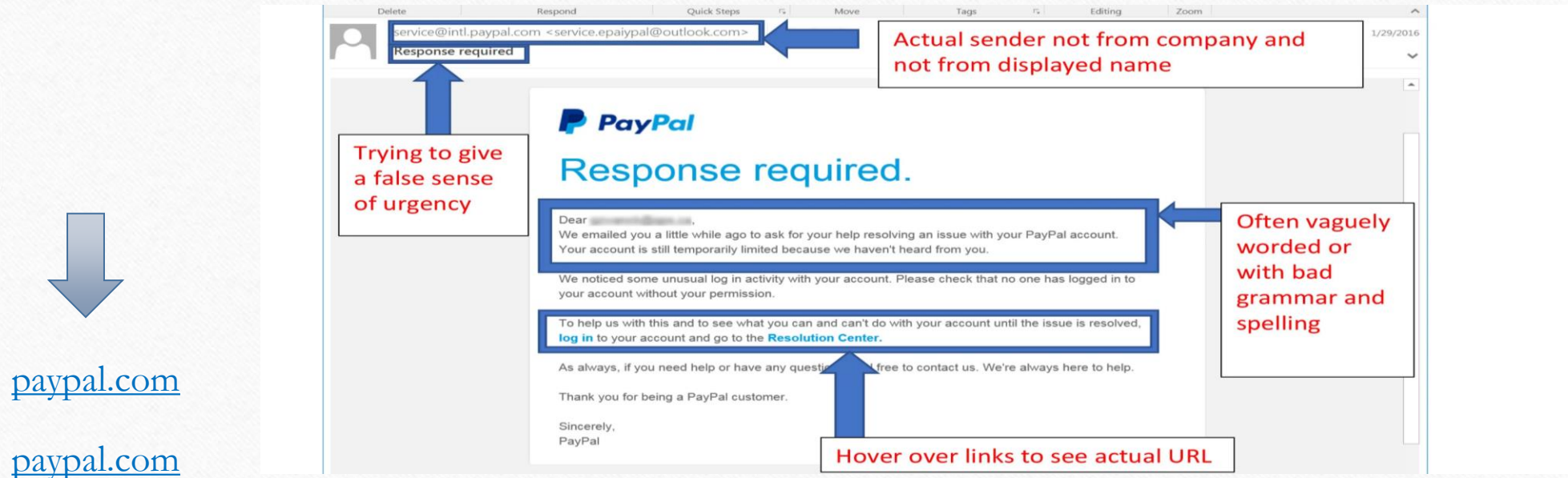
# Phishing E-Mail

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**Phishing Attack** 😂

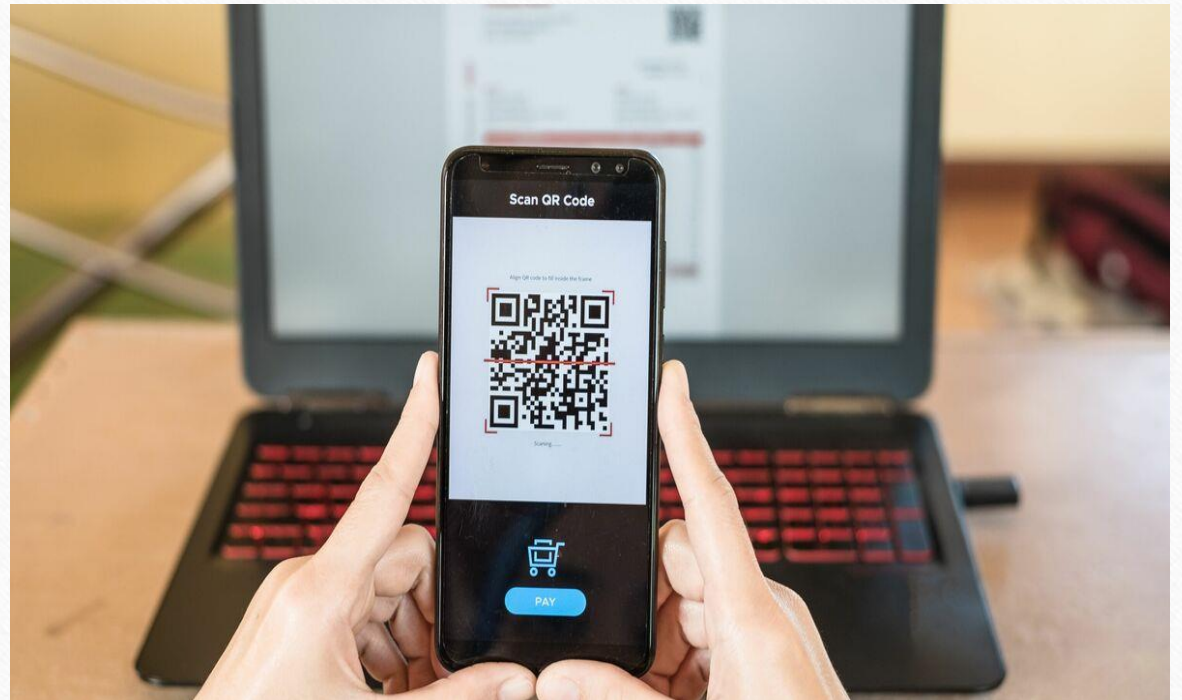
# How to Know Phishing E-Mail



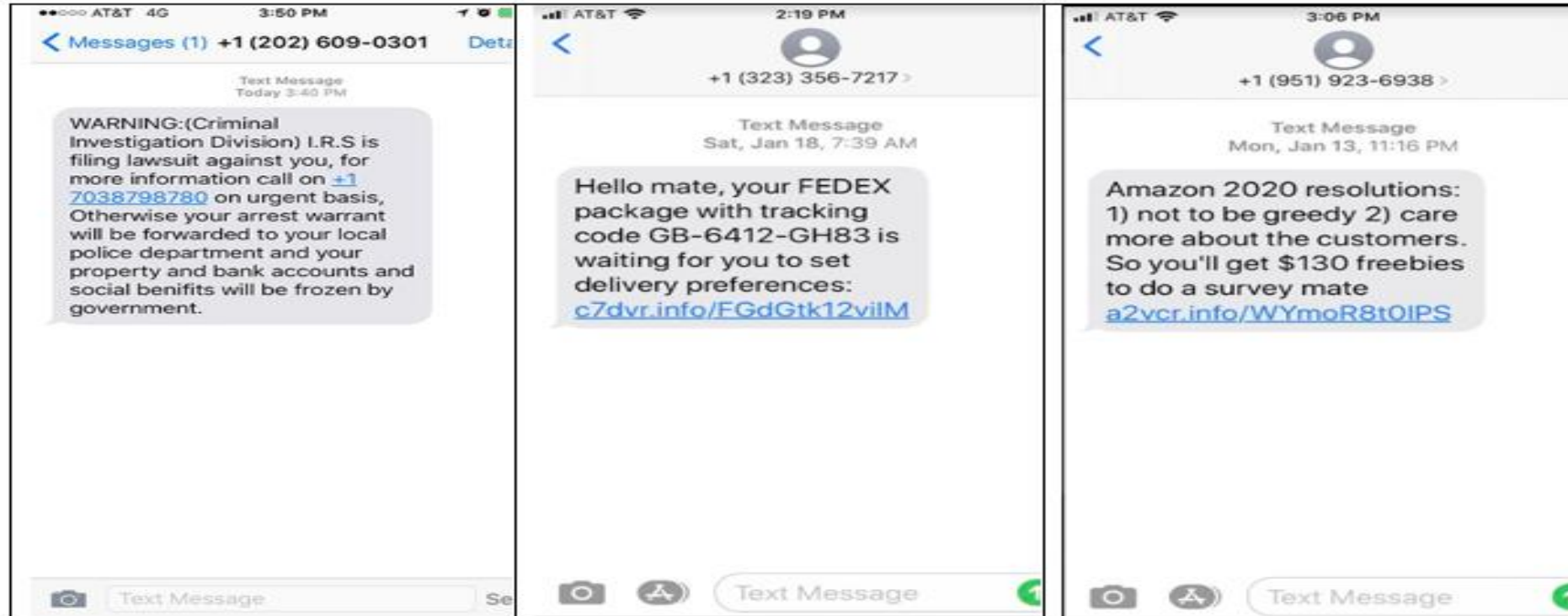
Remember: phishing comes via email, SMS, or calls.



# Types of Phishing



# Types of Phishing





# Protecting Our Company Together

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- Cybersecurity starts with **YOU**
- **Together**, we can safeguard our organization from threats.



✉ General Issues [ [ITS@saed.sa](mailto:ITS@saed.sa) ]

🌐 Cybersecurity Incidents: [ [cybersec@saed.sa](mailto:cybersec@saed.sa) ]



**Any Questions?**



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Thank You