Cybersecurity Awareness

By Greene County Security Team

Meet your security team

Mark Peck

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IS Security Team's Mission Statement

- Ensure confidentiality, integrity, and availability of county information and assets through a balanced, multilayered, threat informed strategy.

Let’s Talk about Information Gathering

- Information gathering is a large part of out strategy to protect the county and its data. It is the ”Threat Informed” part of our mission statement.
- We have many ways of gathering the threat intelligence that we use daily to better protect
  - Email alerts from various sources (CISA, MS\EI-ISAC, MIAC, hardware\software vendors)
  - Daily Podcast from SANS Internet Storm
  - Various news sources we browse to keep up to date
  - Lists that automatically pull into the Firewalls Threat Intelligence Director provided by CISA and MS\EI-ISAC
- Between all these sources were able to get the most up to date information as fast as possible to keep the county safe

Front line IS\IT support

Helpdesk

- Manager: Angela Phillips
- Technicians:
  - James Jackson
  - Kaedon Pruiett

Desktop

- Manager: Jason Marshall
- Lead: Braden Dankert
- Technicians:
  - Christian Franklin
  - Blake Mehrhoff
  - Asael Padilla
  - Adam Turner

Cyber Situational Awareness

01

Never hesitate to double check who you are interacting with

02

Always be aware of what they are doing even if they are a trusted source

03

Never hesitate to involve IS when working with third party vendors

Social Engineering

How to protect from social engineering

Do

- Check validity of sources
- Be weary of third parties
- Only use non-HTTPS sites approved by IS Department
- Log into accounts via official websites

Do Not

- Click links from unreliable sources
- Share any personal information
- Be weary of urgent request
- Insert unknown USB or DVD drives
- Allow other people to use your account

Safe browsing of the web

1. Always be cautious when clicking links on websites
2. Only purchase things from trusted websites
3. Be careful what sites you give your information too

Software etiquette

How we protect software used

Antivirus\Antimalware

- Sophos is installed on every Greene County Computer

Cisco Umbrella

- This is our DNS provider. It watches for malicious websites among many other things

How you can help protect us

Reach out if you need software to accomplish anything

If you see something, say something

Password etiquette

Do

- Use Complex passwords or passphrases
- Use different passwords across services

Do Not

- Share passwords to confidential data
- write them down anywhere publicly accessible

Layers of protection in place

Firewall

- GEO Blocking
- Security Intelligence
- Intrusion prevention System
- Firewall rules

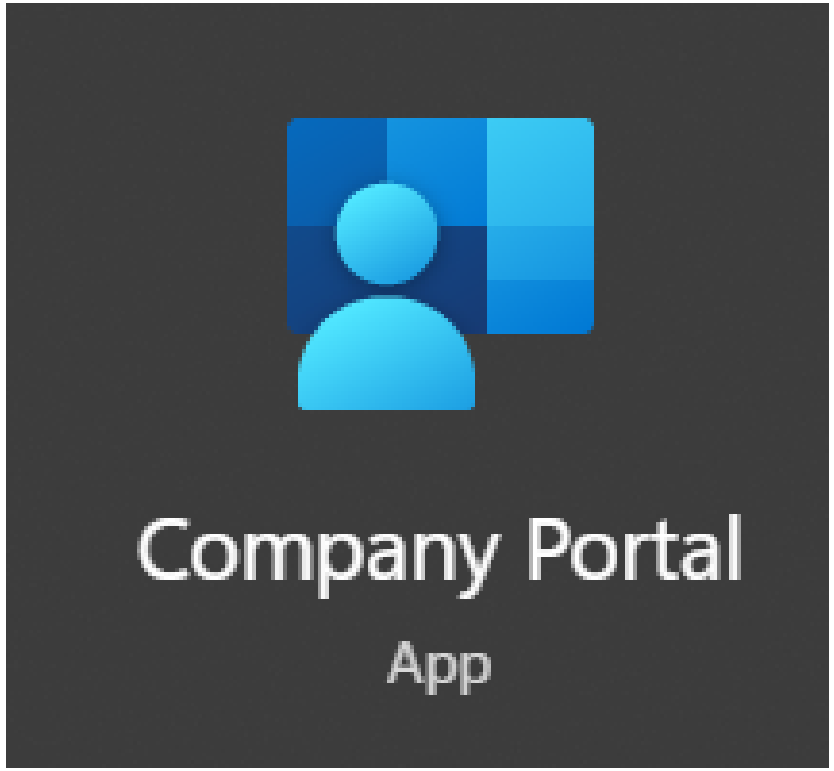
Umbrella DNS

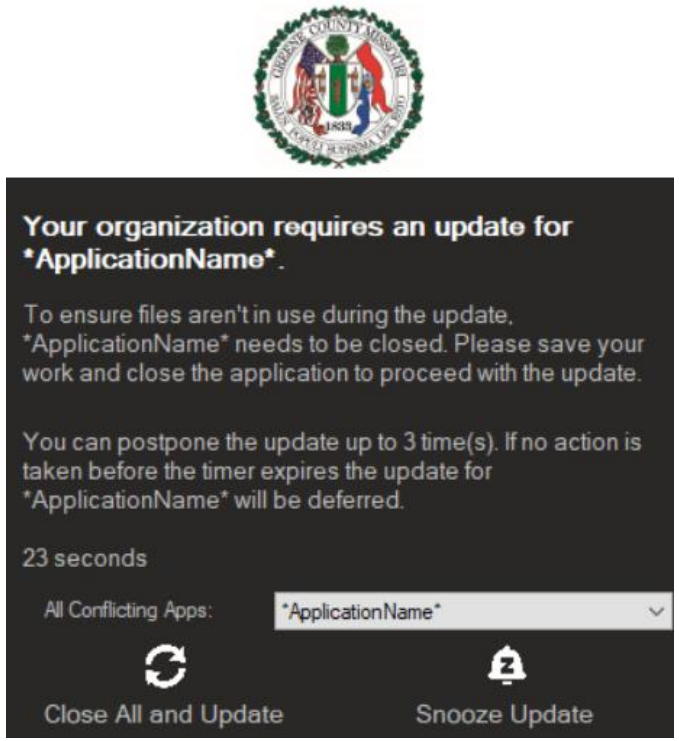
Sophos

You

Password Standards

- Minimum of 8 characters
- It must be different from last 5 passwords
- It must change every 180 days
- It must not contain the employee's account name or parts of the employee's full name that exceed two consecutive characters
- Contain 3 of the 4 items below
  - English uppercase characters (A through Z)
  - English lowercase characters (a through z)
  - Base 10 digits (0 through 9)
  - Non-alphabetic characters (for example, !, $, #, %)
- Additionally, it must not be on our banned password list. This is a large list of commonly used or easily guessed passwords.





Company Portal & Patch My PC

Travel Notifications

We have Geo-fencing in place on many of our services

Due to this, if you travel to certain countries, you might either set off alerts or be unable to gain access to resources.

When traveling outside of the country please notify our helpdesk so we can ensure smooth operations

Arctic Wolf Reminder

Hello Jonah,

As you know, periodically we send you an update of your participation in our Managed Security Awareness Program. Please see below for your current security awareness status.

YOUR PROGRAM STATUS: Great job, you have completed all of the security awareness sessions that have been assigned to you so far. Keep up the good work!

We appreciate your participation in the program. Keeping everyone up to date with these topics is very important to our cybersecurity.

Thank you,

Greene County, MO Managed Security Awareness Team

Hello Jonah,

It's time for another security awareness session.

Today's session is: **Buddy: Protect Your Mobile Device**

Duration: **Less than 5 minutes**

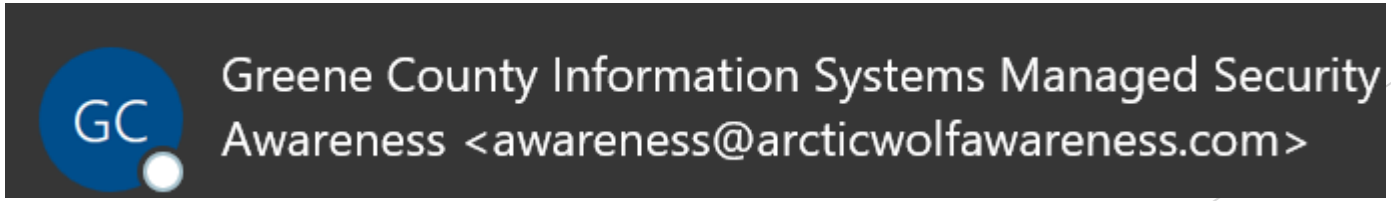
We appreciate your participation in the program. Keeping everyone up to date with these topics is very important to our cybersecurity.

When you're ready, click the "Start" button:

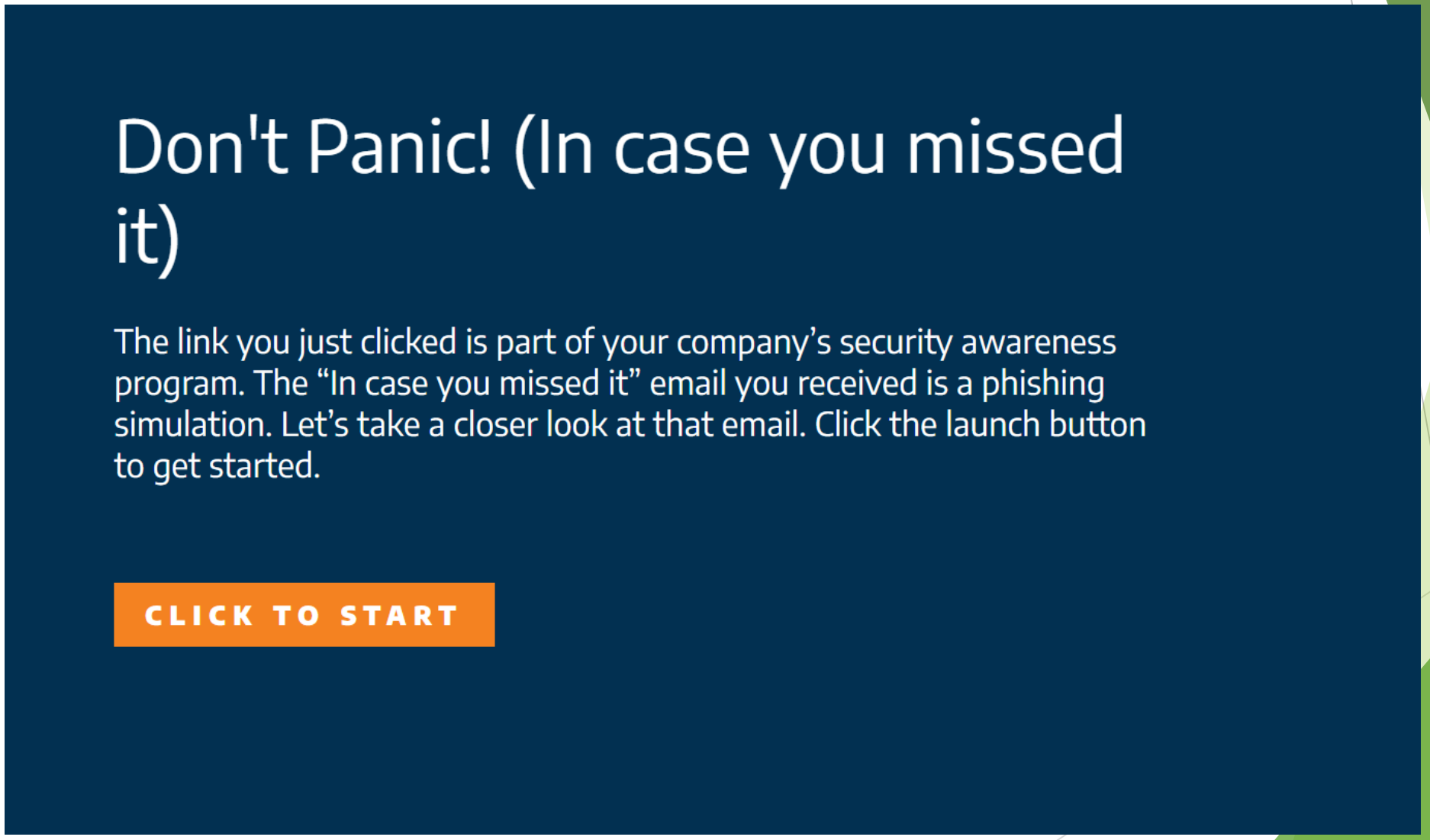
Start

Thank you,

Greene County, MO Managed Security Awareness Team



Arctic Wolf Continued



Questions and Answers