CYBER SECURITY

KNOW YOUR RISKS

IT DESK

IT DESK

Who are we and how do we operate

SUPPORT

Friendly and approachable

SECURITY

Technology and people focused

CONTINUITY

Keeping you backed up and running

CLOUD

Management and monitoring

CIA TRIAD

This triad is a framework that helps us understand the three key aspects of cybersecurity

Confidentiality

Keep data private and secure, ensuring only authorised individuals have access.

Integrity

Ensure data remains accurate and trustworthy, preventing unauthroised modification or tampering

Availability

Make sure data and systems are available and accessible when needed.

AAA SECURITY FRAMEWORK

Controls access to computer resources, enforces policies, and audits usage

AUTHENTICATION

Verify the identity of the user or device.

AUTHORISATION

Process of determining what resource is allowed to be accessed

AUDITING

Tracking and logging access and activity of who and when

AWARENESS

Not all doom and gloom, be aware and prepare

RISK ANALYSIS

Understand your risks to budget and prepare policies and systems accordingly

KEEP SAFE

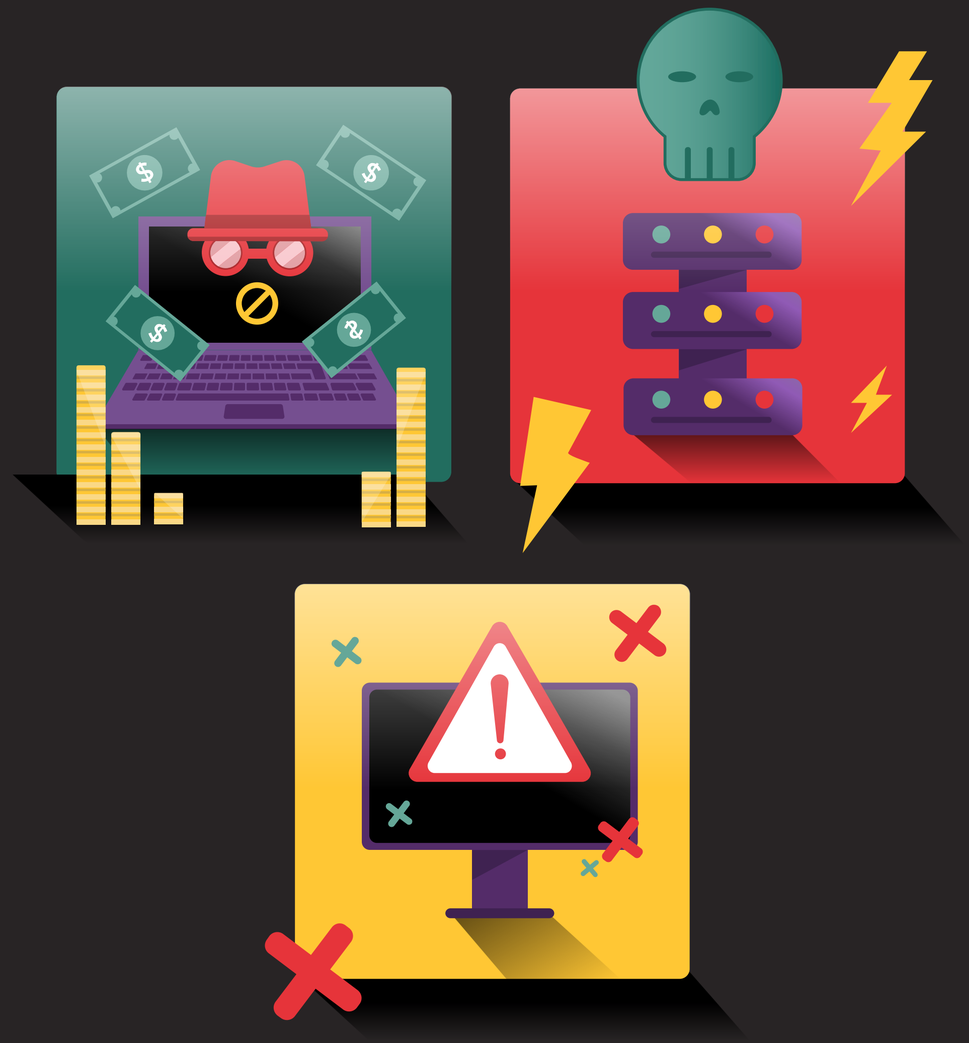
Secure your data, provide proper access and maintain systems

USER AWARENESS

Prepare your colleagues, give advice and prepare them to be safe

WHAT WE'VE SEEN

Examples of cyber attacks that we have prevented and been aware of



PHISHING & HARPOONING

Non-targeted and targeted attacks to try and solicit information or access

SPOOFED & FWD EMAILS

Emails made to look like they are from a legitimate source or exploiting forwarded rules

SOCIAL ENGINEERING

Attacks based on user or department behavior to gain access or information; Not just computer or web based

Texas A&M Division of IT
@TAMU_IT

We don't usually play these, but this looked fun!

Where you are from: STOP
Favorite color: GIVING
First pets name: PEOPLE
Street you grew up on: YOUR
First child's name: PERSONAL
Favorite restaurant: INFO
Favorite teachers name: TO
First job title: GUESS
Favorite food: YOUR
One unpopular opinion you have: PASSWORDS
Favorite singer/band: AND
First type of car you had: SECURITY
Your mother's maiden name: QUESTIONS

Scareware

Access tailgating

Baiting

Watering hole attacks

REAL WORLD

LTT one of the Biggest Tech channels recent hack

ATTACK

Targeted phishing campaign based on user behavior

EXPLOIT

Zipped document used to launch attack

EXPOSURE

Session cookie stolen which gained access to account and lost revenue

LESSONS LEARNED

What lessons can we learn from a tech savvy company that had a breach

DON’T PANIC

Stay calm and understand that these attacks are very sophisticated, they happened to pros also

ENSURE PROTECTION

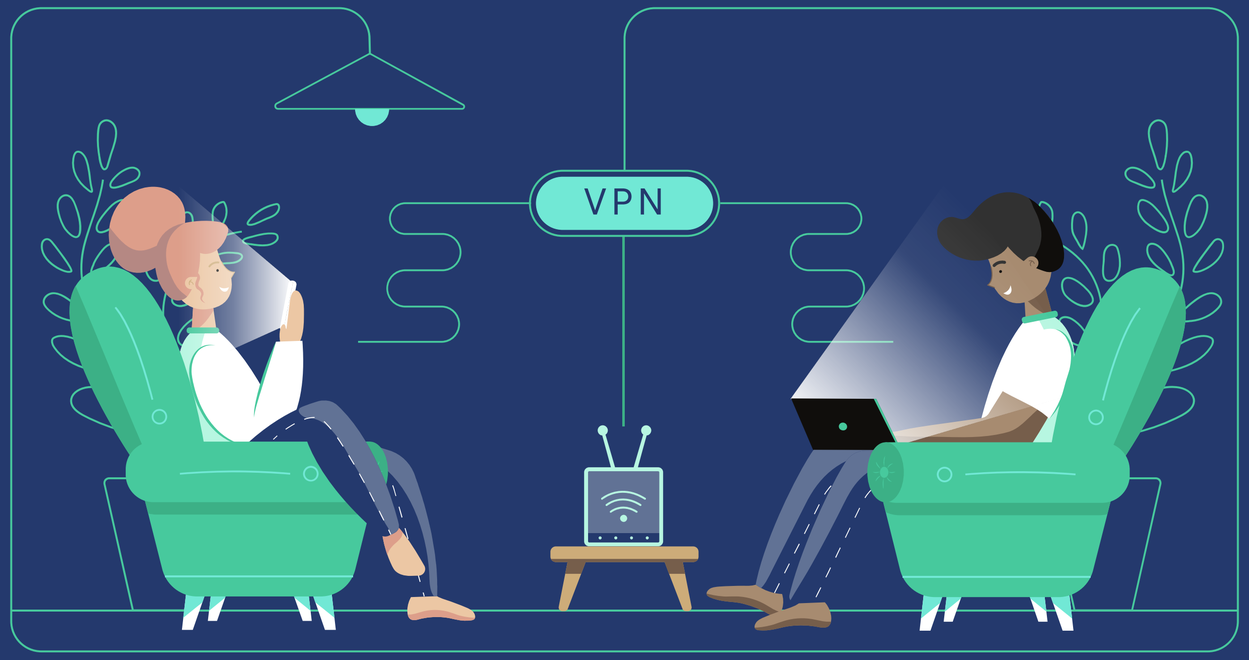
Ensure systems have proper access and are secured with technology and cyber policies

PROVIDE INFO & GET HELP

Information is key in recovery and future protection; who was breached, impact and timings

HOW CAN WE HELP

IT Desk and Partners are here to help



TECHNOLOGY

Security, continuity and logging systems and appliances

EXPERTIESE

Onsite helpdesk colleagues for your systems, security and training

FRAMEWORKS

Cyber Essentials, ISMS or ISO:27001 preparedness and implementation