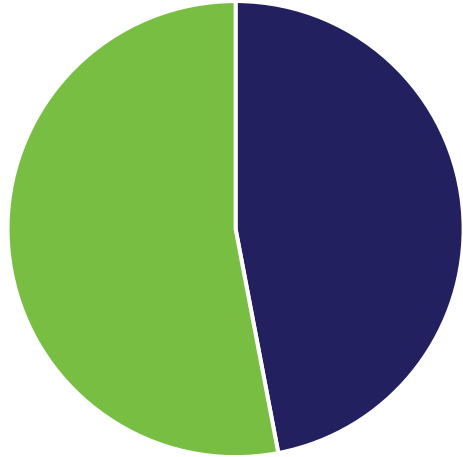


Where's the risk?

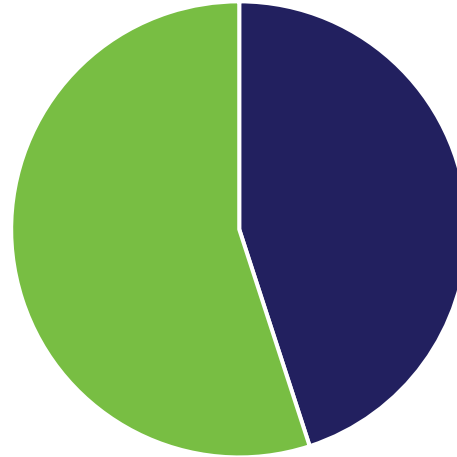
A look at changing trends in the past 9 months

Incident by Sector Q4 19/20



■ Public Sector ■ Private

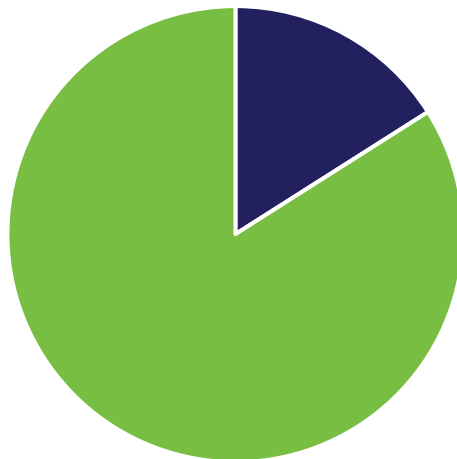
Incident by Sector Q1 20/21



■ Public Sector ■ Private

What can the most recent ICO data tell us?

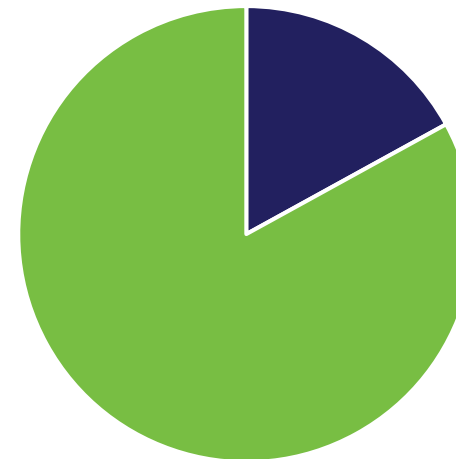
Cause of Incident - Q4 19/20



■ Cyber ■ Non Cyber

Over quadruple the incidents to inadvertent disclosure of data* vs phishing!

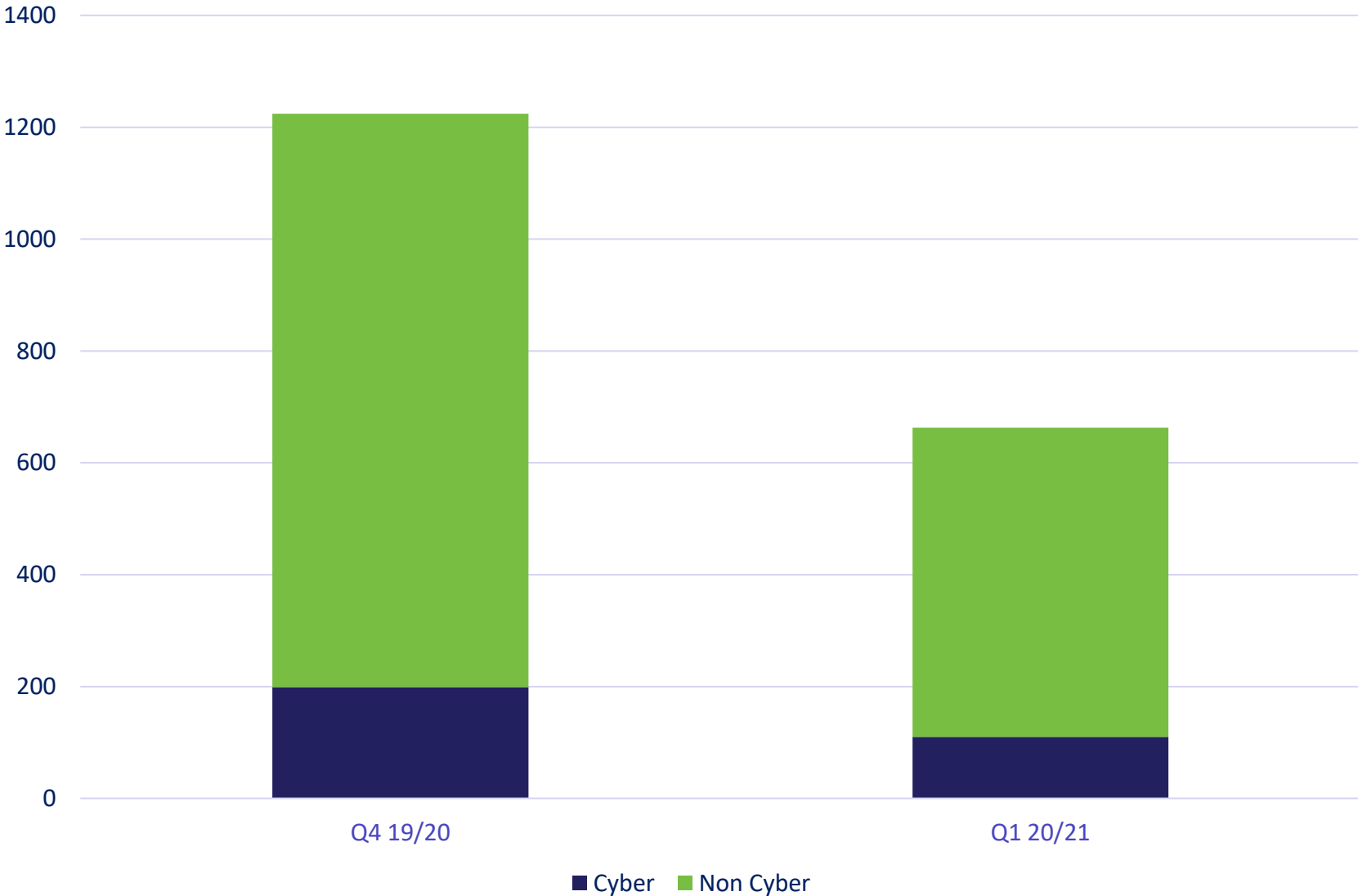
Cause of Incident - Q1 20/21



■ Cyber ■ Non Cyber

*Data sent or shown to wrong people/person, electronically, physically or vocally. Not including theft

Public Sector Incidents Reported to the ICO



What Is Causing The Reduction

News

15th September

Warning over fake Stroud council tax letter and email

By **Matty Airey** |  [@matty_gaz](#)
Reporter

14 hrs ago

Warning on scam emails after victim loses

By **Alex Cutler** |  [@dorsetchoalex](#)
Reporter



Police are warning about scam emails

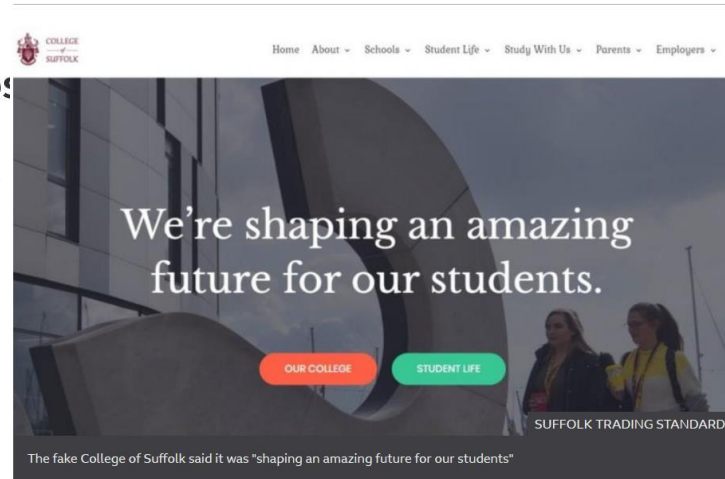
    3 comments

FAKE emails purporting to be from Stroud Council Tax Authority across Dorset, police warn

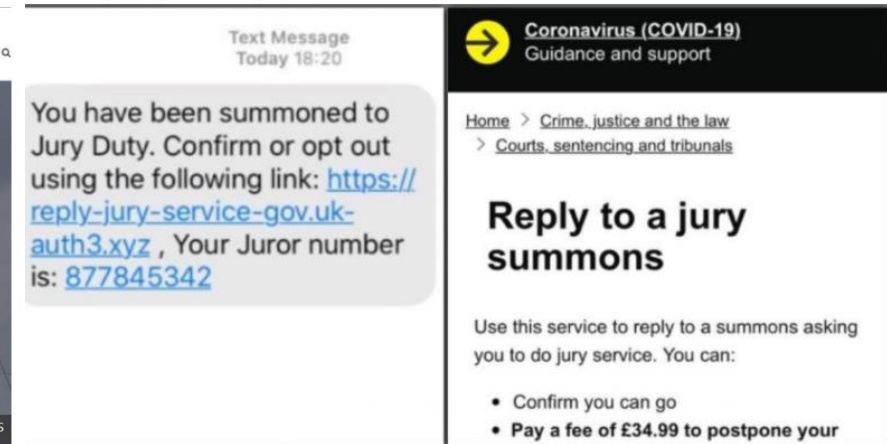
Fake hospital websites are being used to scam someone I know as part of a sweetheart/dating scheme. How can I prove it? [self.scambait](#)

Fake university website for College of Suffolk shut down

© 29 October 2019



Flintshire residents warned about fake jury service call-up text message which currently circulating



1 Researchers say not to use myGovID until login flaw is fixed

A 2-Pronged Strategy

Predictive Risk Analysis of End Users

- Help to understand who will make a mistake **BEFORE** they do
- Allows remediation that isn't a punishment
- Changes the culture towards security

Threat Hunting of Phishing Websites

- Understand that an attack is **BEING PREPARED**, not that it has already happened
- Protect your service users/ end users and supply chain
- Reduce your organisations chance of being a target

This approach creates a **proactive security culture!**

Understanding Risk

Integration between SEG and AT helps admins understand risk based on real world and theory



The Theory

39% of Incidents in Q1

Awareness Before And After Training*			
The Topic	Before	After	Gain
Phishing	33.0%	81.2%	246%
BYOD	28.1%	86.6%	308%
Social Media	37.7%	80.1%	212%
Passwords	12.5%	54.6%	437%
Inadvertent Disclosure	18.6%	78.4%	421%
Insider Threat	17.8%	62.6%	345%
Shadow IT	26.7%	53.9%	202%
Storage Devices	34.5%	88.2%	256%
Reporting Threats	17.8%	62.6%	345%
Tailgating	27.9%	67.2%	241%

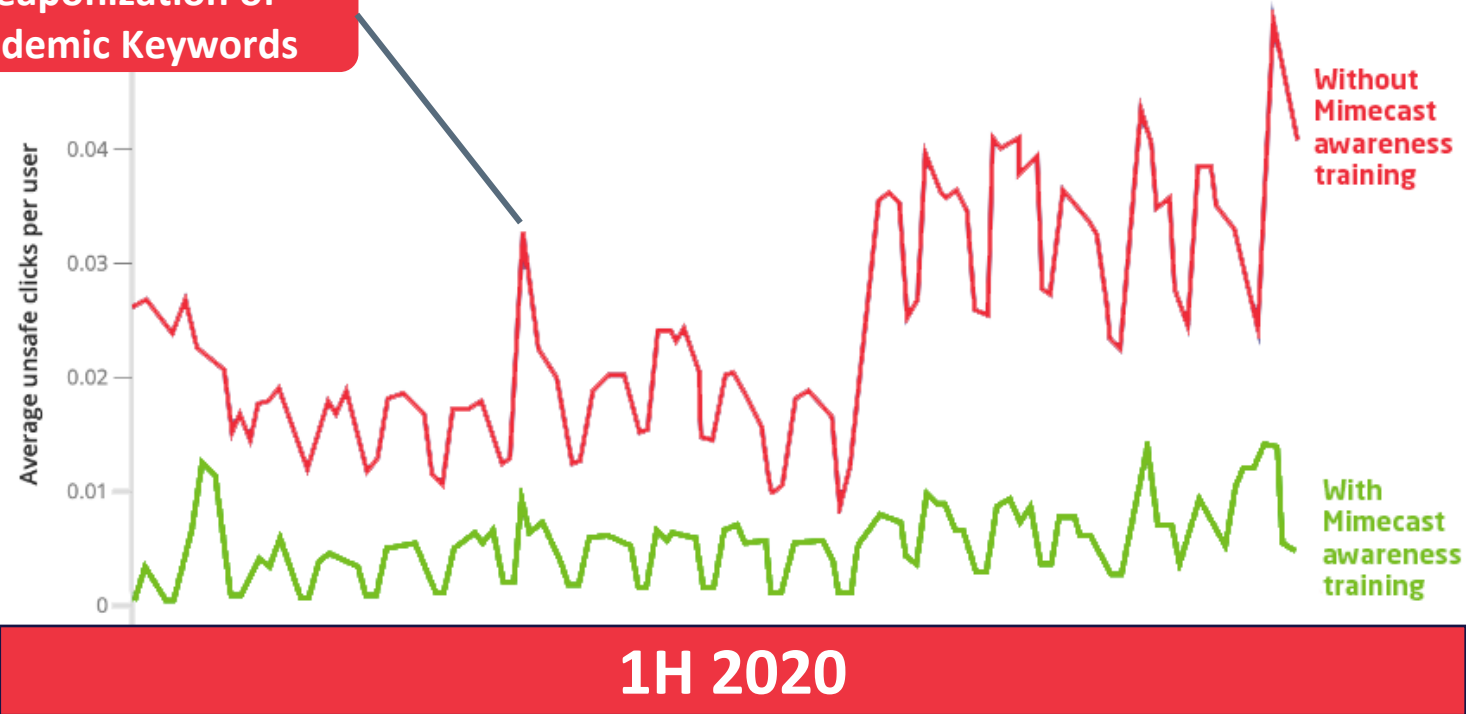
* Based on actual customers' employee responses to security questions posed during training as of February 2019 as compared to responses to same question from surveys conducted with a statistically significant population of professionals across all major industries.

UP TO
4X

Increase Employees' Knowledge Of Basic Security Issues And How To Respond By **400%+** With Mimecast Awareness Training

The Real World

**Weaponization of
Pandemic Keywords**



Employees from companies not using Mimecast Awareness Training were more than

5x

more likely to click on malicious links

Combining Real World and Theory

MIMECAST SAFE PHISH

mimecast | targeted
threat protection

User Clicks on REAL Phishing Attack

Mimecast TTP re-writes the
URL automatically



Combining Real World and Theory

MIMECAST SAFE PHISH

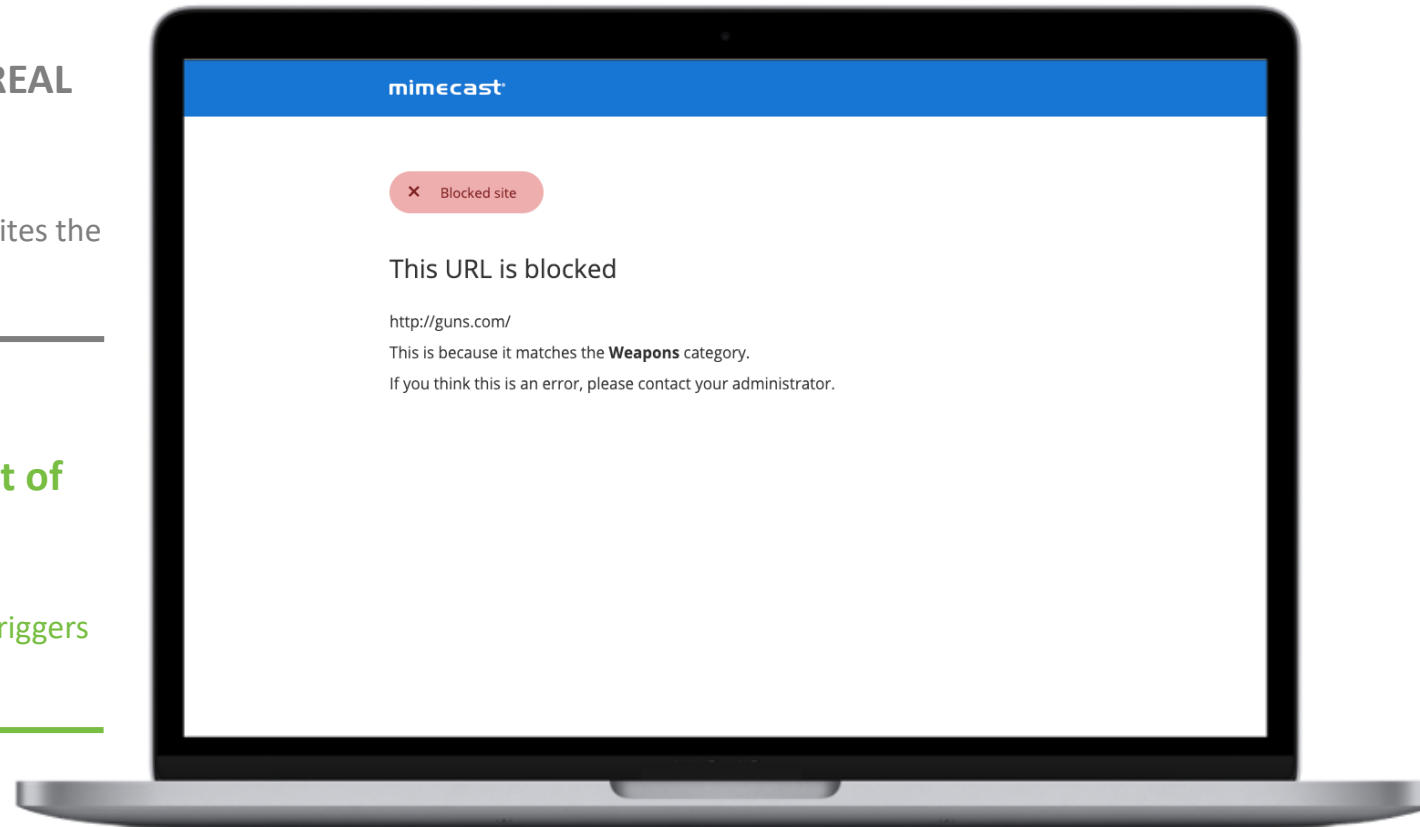
mimecast | targeted
threat protection

User Clicks on REAL Phishing Attack

Mimecast TTP re-writes the
URL automatically

Educate at Point of Risk

Time-of-Click Scan Triggers
a Policy Violation



Combining Real World and Theory

MIMECAST SAFE PHISH

mimecast | targeted
threat protection

mimecast | awareness
training

User Clicks on REAL Phishing Attack

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Time-of-Click Scan Triggers a Policy Violation



Mimecast SAFE Score

Updated to reflect individual Risk Assessment

Combining Real World and Theory

MIMECAST SAFE PHISH

mimecast | targeted
threat protection

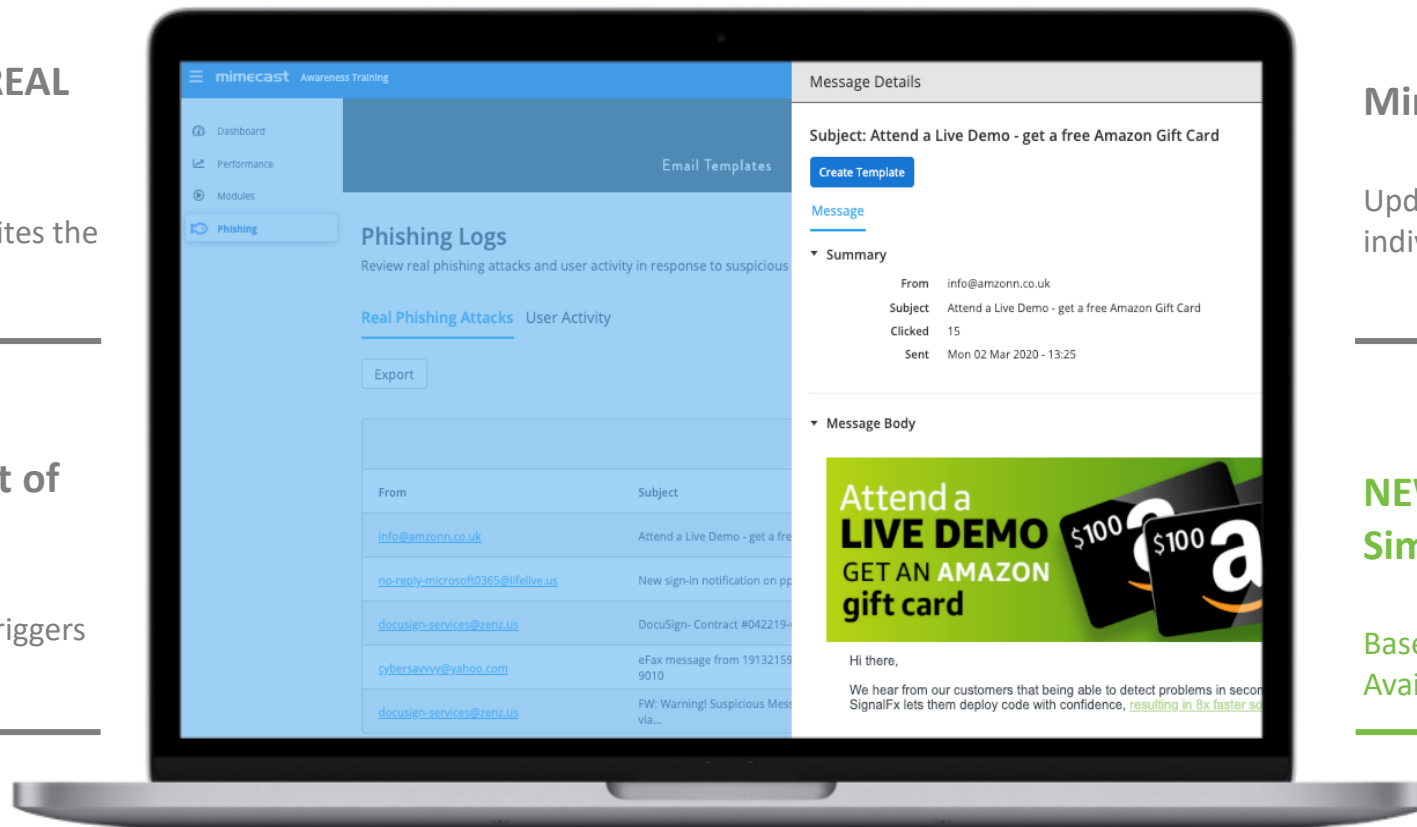
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User Clicks on REAL Phishing Attack

Mimecast TTP re-writes the URL automatically

Educate at Point of Risk

Time-of-Click Scan Triggers a Policy Violation



Mimecast SAFE Score

Updated to reflect individual Risk Assessment

NEW Phishing Simulation Created

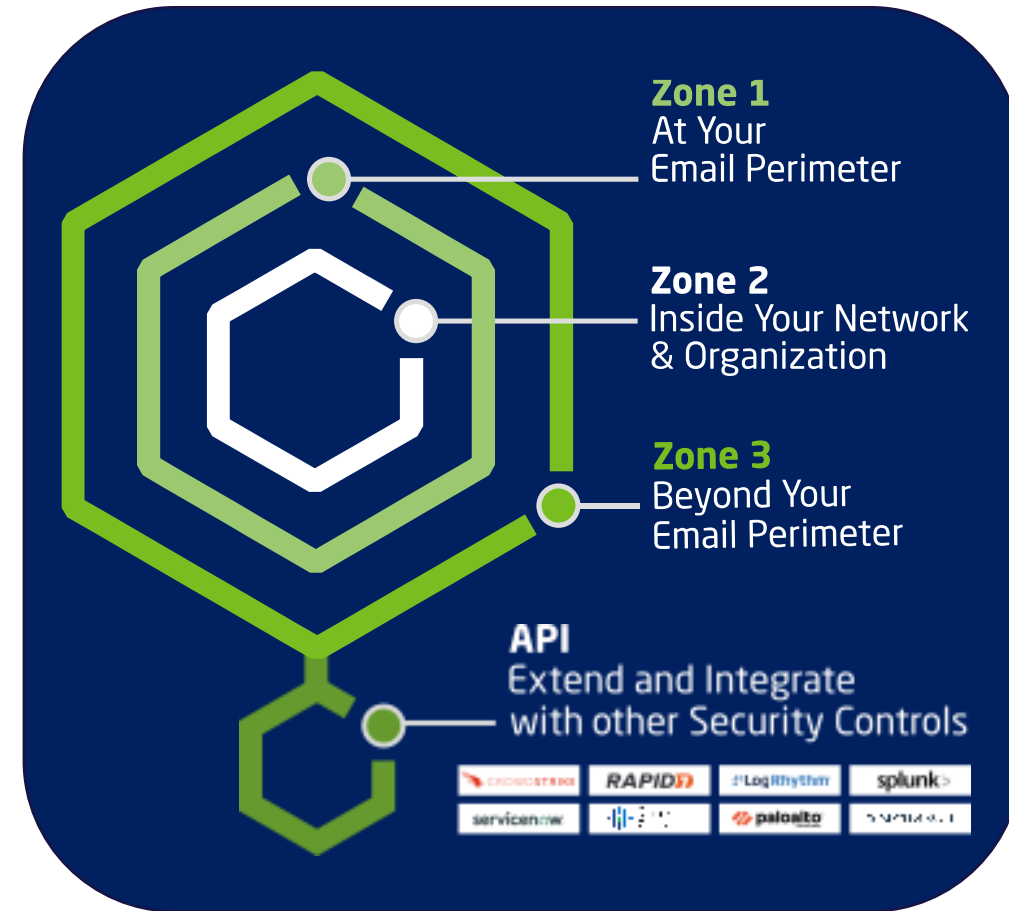
Based on Real Threats Available in Minutes

MIMECAST SAFE PHISH

REVOLUTIONIZED PHISH TESTING

PHISHING SIMULATION FOR THE REAL WORLD

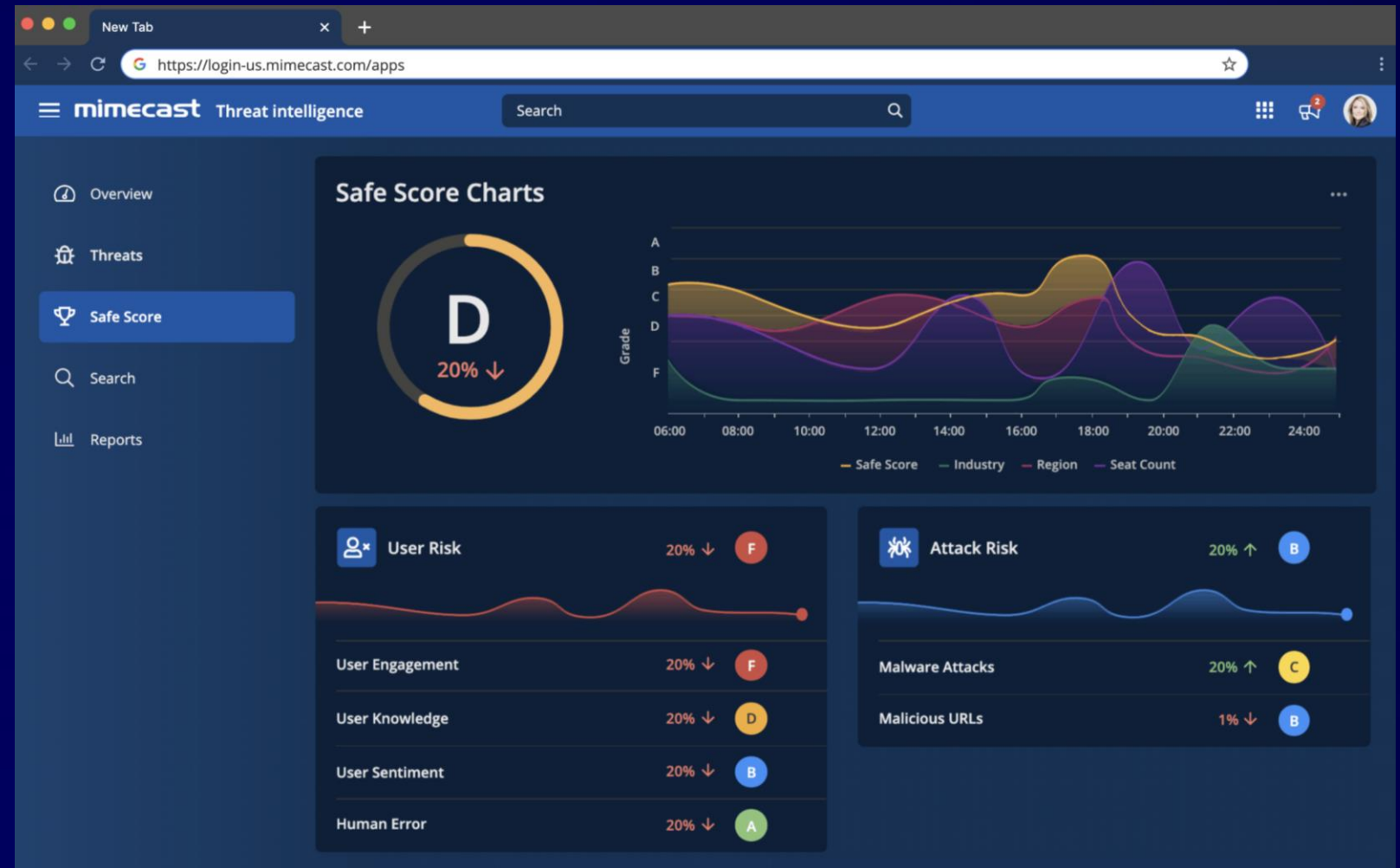
- Capture & mitigate real individual and organizational risk (SAFE Score)
- Eliminate the guessing game of choosing a template
- Test users with real phishing emails that have been converted into templates
- NO cost for all Mimecast (Mime|OS) and Targeted Threat Protection customers



MIMECAST SAFE PHISH

INTEGRATION WITH MIMECAST SAFE SCORE

Using the integration with **Mimecast Targeted Threat Protection**, all clicks are recorded and fed into the Mimecast SAFE Score.



Thank You