

Reimagine technology to accelerate your business



## Phishing

Safeguard your organization from Phishing, the most common social engineering attack

### Cyberattacks - Rapid Increase in Ferocity and Numbers

The drastic increase in Internet usage during the Covid-19 pandemic has rapidly increased the ferocity and number of cyberattacks. With over 445 million cyberattacks since early 2020, this is more than double the number of incidents in 2019. Overcoming cybersecurity issues is a day-to-day struggle. All organizations need continuous evolution of their defenses against the various forms of cyberattacks.

### At a Glance

Major impact of cyberattacks – facts and statistics

- Human errors cause over 90% of cybersecurity breaches
- Phishing causes over 90% of IT security breaches, directly
- Less than 5% of global businesses have proper cybersecurity protection
- Data breaches exposed 36 billion records in the first half of 2020

### HTC's Cybersecurity Practice

HTC's cybersecurity practice provides comprehensive and resilient cybersecurity services and solutions customized to meet your requirements across your entire value chain. HTC helps you to keep pace with new attacks, advances in security technologies, and compliance.

- Motive of cybersecurity breaches - about 90% are financial and 10% related to espionage
- Cybersecurity breaches constituted 25% phishing and 20% malware (malware is pushed through phishing and other vectors)
- Malicious email attachment types include .doc and .dot at 40% and .exe at 20%
- Annual cost of business email / email account compromise scam is about \$2 billion

## Phishing

Phishing is the most common form of internet crime that affects over 200,000 victims globally. Hackers use phishing emails as the most gullible entry point in 40% to 50% of all cyberattacks. The end users form the biggest cyberattack surface in almost all organizations.

The most common features of Phishing emails include - **Too Good To Be True** (provides lucrative offers with eye-catching and attention-grabbing statements), **Provokes A Sense Of Urgency** (urges you to act fast as the deals cited are for a very limited time), **Hyperlinks** (carefully misspelled to make it look genuine), **Attachments** (contain payloads which include ransomware or other viruses), and **Unusual Sender** (whether it is like someone you know, do not know, out of the ordinary, unexpected, or just suspicious in general do not click on phishing emails).

As phishing is generally the first in the chain of attacks, it drops malware - ransomware or key logger. Despite the technological means available - email filtering, traffic monitoring, and network protection, complete prevention of phishing is difficult as it involves the highly unpredictable “human” parameter. Your staff needs awareness on how the phishing email looks like and how to effectively spot and delete them. The best way is to promote comprehensive awareness on cybersecurity and best practices. HTC's Anti-Phishing Services can help you in your endeavor.

## HTC's Anti-Phishing Services

HTC's cybersecurity awareness program and phishing simulation will improve resilience against phishing attacks. Our email phishing campaigns and cybersecurity training programs will incorporate adequate safeguards (no malware and no leakage of your organization's data), monitor your employees' ability to recognize phishing emails and report it.

HTC's phishing simulations will include:

- Phishing simulation - realistic email phishing attacks to various user groups by using social engineering techniques and multiple scenarios that target user groups
- Setting up comprehensive phishing campaigns for various user groups
- Real time monitoring of click rates, time to click, and other user responses
- Assessing trainees to identify their understanding of cybersecurity requirements / do's and don'ts
- Provide phishing campaign results
- Rolling out corporate communications on security awareness training with focus on phishing threats to build awareness on how phishing emails look and how to effectively spot and delete them
- Retrain employees who failed to follow security protocols

### About HTC:

Established in 1990 and headquartered in Troy, Michigan, USA, HTC is an Inc. 500 Hall of Fame company offering a range of information technology and business process services to Global 2000 organizations. HTC's acquisition of CareTech Solutions and Ciber Inc. (Currently Ciber Global LLC) enables the company to provide highly focused IT services and solutions to the US healthcare sector and a wide range of IT and strategic staffing services to global conglomerates. For more information visit <https://www.htcinc.com/>

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