

“Knowing the Unknown”

“You can spend a lot of money on firewalls and technology, but there’s no device that’s going to make you safe from phishing. The only way you can be as safe as possible, is to make sure employees and end-users know what they are doing.”

- Don Ringlestein

SOCIAL ENGINEERING CASE STUDY ON A FINANCIAL INSTITUTION

OUR CLIENT

A Global institutional fixed income investment management firm, having offices at New York, Chicago, London, Melbourne & Singapore.

THE PROBLEM

Financial institutions like our client are constantly faced with cyber threats from various sources. Though they had a very strong IT security, they were concerned about the “human factor”. The challenge was to assess the vulnerability of their employees and to train them accordingly. They had to meet audit requirements pertaining to security awareness and training to

TEST & TRAINING

Phish Prone Rate after the simulated test was 24.4%. We recommended to conduct awareness training to all users. The training was administered and special attention was given to all the clickers during the training. Almost all users were able to complete it successfully

Goal

The goal was to assess the vulnerability of the workforce to cyber-attacks, based on their current state of awareness, to provide training and to change the employee behavior. The key was to create awareness around phishing and train employees how to properly vet emails.

Solution

Ana-Data consulting Inc., stepped in to help the organization understand the employee vulnerability to real-time cyber threats. We performed social engineering assessments like phishing and spear-phishing, and trained employees based on their level of preparedness. To get started we exchanged couple of calls to get the addresses set-up, walked them through the entire process of assessment and training. After setting up, we performed a baseline Phishing Security Test to see how many of employees were phish-prone. The Phish test results were surprising to the client and phishing was a far bigger situation than they had envisioned.

Results

Once we completed the security awareness training, the phish prone rate in the subsequent phishing test dropped to almost zero. This shows that the employees are not falling for a phishing attack. Not only are they far more cautious but are open to educate themselves on phishing and other social engineering techniques. We also performed targeted spear phishing and phishing with malicious attachment. The employees were more informed and were not falling for any of the phishing emails after the security awareness training.



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