



# Financial Services

Contact us today to learn how Cybeta can augment your existing security program.

A global bank with **over a billion dollars in annual revenue** announced that nearly 20,000 of its customer credit card accounts had been targeted by a cyberattack, resulting in **millions of dollars of unauthorized charges**, possible stiff regulatory penalties, and erosion of its bottom line and reputation.

## SOLUTION / ACTION

Using proprietary dark and deep web investigative techniques, Cybeta confirmed the bank had been targeted for more than two years prior to the attack. They had collected useful threat intelligence that pinpointed numerous indicators of reconnaissance, such as historical evidence of attack planning and existing network vulnerabilities that remained unpatched.

Cybeta collected and analyzed evidence of previous phishing attempts from the dark web and learned of social media complaints by bank customers a year prior. These discoveries led Cybeta to information posted on underground hacker forums and other sources that revealed evidence of a hacking incident at a third-party supplier used by the bank. This particular supplier used a specific malware variant customized for banking sector targets.

Deeper analysis of the code, and other metadata on the dark web, revealed the malware's country of origin and frequent association with a particular username. This allowed Cybeta to confirm additional previous attacks against the bank by this same actor using the same piece of code. The result was that Cybeta determined with high confidence the likely mastermind behind the attack and invoked strategies for protection moving forward.

## BENEFITS / IMPACT

The powerful and reliable intelligence Cybeta presented led the bank to implement revamped information security practices and remediation across its enterprise, with specific emphasis on endpoint security, employee training and awareness, and proactive business threat intelligence monitoring for early warning and prevention.

