

Case Studies

Microsoft Teams Used for Social Engineering

Social engineering isn't limited to email. A foreign group used Microsoft Teams to target organizations and government agencies. Using compromised Microsoft 365 tenants, the attackers used technical support lures to attempt to trick users into granting approval for multifactor authentication (MFA) prompts. Exercise caution with suspicious contacts through any platform.

Airman Sentenced to 15 Years in Prison

Jack Teixeira served as a Cyber Defense Operations Journeyman with the U.S. Air National Guard. As part of his duties, he required Top Secret/Sensitive Compartmented Information (TS/SCI) access to National Defense Information (NDI). In 2022, he unlawfully retained and transmitted NDI on a social media platform to impress anonymous participants on the platform. The information shared by Teixeira and re-shared by others placed national security and troops at risk.

Fish Tank Causes Cyber Vulnerability

An internet-enabled smart fish tank designed to monitor the tank's environment and feed the fish offered hackers an attack vector into a casino's network. After using the fish tank to gain access to the network, hackers looked for other vulnerabilities to access additional parts of the network and take compromised data. This example illustrates one of the major risks posed by Internet of Things (IoT) devices.