As cybersecurity and fraud go, 2021 was filled with more of what we’ve seen in the past—phishing, ransomware, malware attacks, and more. 2022 is no different, but these types of attacks are evolving with increased sophistication and improved targeting as fraudsters leverage machine learning and AI.

**Highlights from Appgate 2021 Faces of Fraud Survey:**

- 81% of respondents noted the number of fraud incidents remained steady or increased
- 88% indicate anti-fraud controls are a more desired customer feature in digital platforms
- 38% believe fraud schemes evolve too quickly to keep pace

**According to the Published 2021 Data Breach Investigations Report by Verizon, These Are Three Methods Used to Carry Out Cyberattacks in 2021.**

**Phishing** or social engineering is here to stay.
- Phishing attacks account for more than 80% of reported security incidents—Security Boulevard
- 74% of organizations in the U.S. have experienced a successful phishing attack—Security Boulevard
- According to the Anti-Phishing Working Group, the number of phishing attacks has tripled

Hackers prefer to go after **stolen credentials** as this could easily open the door to full access into any organization’s network. According to the Verizon 2021 Data Breach Investigations Report, 61% of data breaches stem from leveraged credentials and 25% of the breaches were from this stolen data.

**Ransomware** is by far the most prolific and publicized threat facing organizations today.

**Notable 2021 Ransomware Attacks**
- JBS – Food Processing Company
- Colonial Pipeline – Oil Company
- Kromos – Workforce Management Company
- Kaseya – Software Company

**The Impact of Ransomware in 2021:**
- Ransomware costs are expected to reach $265 billion by 2023
- There were over 700 million ransomware attacks in 2021 alone—Tenable

**Mobile attacks.** Malicious attacks have moved from desktop browsers and computers to mobile apps and devices.
- Verizon’s Mobile Security Report states that 80% of companies “are falling behind attackers’ capabilities,” and 54% of companies were “less confident about the security of their mobile devices than that of their other systems.”

Appgate is a fraud security company. We provide new insights, advice, and research to provide the best, most effective fraud security solutions for the best in the world. For more information on how we can help you secure your business, visit us at Appgate.com.