



# FINANCIAL CYBER REPORT

2025

The finance industry plays a vital role in the global economy, handling vast amounts of sensitive data and facilitating billions of transactions every day. With its high-value assets and complex digital infrastructure, financial institutions are a top target for cyber criminals. Effective cyber risk management is essential to protect customer trust, ensure regulatory compliance, and safeguard the stability of financial markets. Without robust security measures, even a single incident can lead to significant financial losses and lasting reputational damage. This report contains important information around the significance of robust cybersecurity protection.

**\$5.5M**

Cost of a Data  
Breach in the  
Finance Industry

**86%**

Percentage of businesses  
that experienced disruptions  
due to a data breach

**3,336**

Total number of  
confirmed incidents in  
finance industry in 2024



## TOP CYBER RISKS

- **Phishing Attacks:** Deceptive emails trick users into giving up credentials.
- **Ransomware:** Malware locks data, demanding payment for access.
- **Insider Threats:** Employees or contractors misuse access or leak data.
- **Third-Party Vulnerabilities:** Security gaps in vendors or partners impact institutions.
- **Data Breaches:** Unauthorized access to sensitive customer or financial information.
- **Account Takeover:** Stolen credentials used to access and exploit accounts.
- **Cloud Security Risks:** Misconfigured or vulnerable cloud services expose data.
- **DDoS Attacks:** Flooding systems with traffic disrupts services and access.
- **Regulatory Compliance Failures:** Not meeting data protection laws leads to fines and penalties.

Percentage of successful intrusions that involved ransomware

**30%**

Percentage of successful intrusions that involved the use of Stolen Credentials

**30%**

## WHY IS FINANCE TARGETED?

- **High Value of Financial Data:** Banks and financial firms hold sensitive personal and financial information that's highly valuable to criminals.
- **Direct Access to Funds:** Cyber attackers can potentially steal money directly from accounts or disrupt financial transactions.
- **Large Attack Surface:** Financial institutions use complex systems, apps, and third-party vendors, creating more entry points for attackers.
- **Regulatory Pressure:** Strict regulations mean a breach can cause costly fines and reputational damage, making institutions attractive for extortion.
- **Frequent Transactions:** High volume of daily transactions increases the likelihood of vulnerabilities and chances to exploit systems.

Percentage of attacks in finance that comprised personal details

**\$74%**

The finance industry is the most targeted industry for

**Web Application Attacks**

**Sources:** IBM Cost of a Data Breach Report 2025; Verizon 2025 Data Breach Investigations Report

## SpearTip Services:

Advisory Services - Proactive preparation and assessment of cybersecurity posture.

Managed Security - Continuous monitoring and threat prevention of endpoints and identities.

Incident Response - Immediate response and recovery for data breaches.

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## SpearTip Cyber Solutions to Assist Manufacturing



### Rapid Incident Response

Data Breach Investigation

Decryption Assistance

Digital Forensics



### 24/7 Managed SOC

Endpoint Protection

Identity Threat Detection



### Risk Assessments

Cybersecurity Health Check

Cybersecurity Gap Analysis

Tabletop Exercises



### Vulnerability Assessments

External & Internal

Web Application

Wireless, Firewall, and Cloud



### Adversary Services

Penetration Testing



### Security Program Development

Incident Response Planning

Phishing Campaign Assessment

Managed Security Awareness Training

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