Kiteworks

www.kiteworks.com

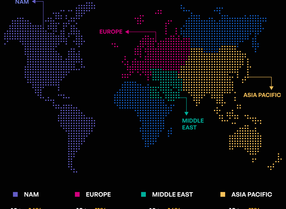
Cyber Threats to Sensitive Content Communications

Findings From Kiteworks' 2023 Sensitive Content Communications Privacy and Compliance Report

Number of Sensitive Content Communication Exploits in the Past Year by Organization

10+ 13% | 7 - 9 23% | 4 - 6 48% | 2 - 3 15% | 1 1%

REGIONAL DISTRIBUTION



NAM	EUROPE	MIDDLE EAST	ASIA PACIFIC
10+ 14%	10+ 11%	10+ 16%	10+ 11%
7 - 9 23%	7 - 9 25%	7 - 9 16%	7 - 9 26%
4 - 6 49%	4 - 6 46%	4 - 6 58%	4 - 6 43%
2 - 3 14%	2 - 3 16%	2 - 3 11%	2 - 3 19%
1 1%	1 2%		1 1%

Top Attack Vector Concerns for Sensitive Content Communications

(asked to rank top 3)

WEIGHTED ALGORITHMIC SCORE

100	70	66	64	63	60
Password/ Credential Attacks	URL Manipulation	Denial of Service	Rootkits	DNS Tunneling	Cross-site Scripting

TOP 3 ATTACK VECTORS PER REGION

NAM	EUROPE	MIDDLE EAST	APAC
1. Password/Credential Attacks	1. Password/Credential Attacks	1. URL Manipulation	1. DNS Tunneling
2. Denial of Service	2. Cross-site Scripting	2. Rootkits	2. URL Manipulation
3. DNS Tunneling	3. Session Hijacking	3. Man in the Middle	3. Malware (ransomware, trojan, etc.)

HIGHEST THREAT VECTORS PER INDUSTRY (based on algorithmic weighted score)

Energy and Utilities
36 Session Hijacking

Federal Government
43 Password/ Credential Attacks

Financial Services
37 URL Manipulation

Healthcare
41 Password/ Credential Attacks

Higher Education
38 Password/ Credential Attacks

Legal/Law Firms
33 Rootkits

Local Government
39 Denial of Service

Manufacturing
36.5 Phishing

Pharmaceuticals/Life Sciences
33 Rootkits

Professional Services
31.5 DNS Tunneling

Security/Defense
39 Password/ Credential Attacks

State Government
35.5 DNS Tunneling

Technology
39.5 DNS Tunneling

TOP ATTACK VECTORS REPORTED PER JOB RESPONSIBILITY

IT

1. Password/ Credential Attacks
2. Denial of Service
3. SQL Injection

Security

1. Password/ Credential Attacks
2. Rootkits
3. DNS Tunneling

Risk/ Compliance

1. Password/ Credential Attacks
2. Denial of Service
3. Cross-site Scripting

Impacts of Sensitive Content Communication Exploits per Organization

Financial Implications	Brand Impact	Compliance Penalties and Fines
62%	43.5%	42%

LARGEST IMPACT OF AN EXPLOIT THROUGH THE LENS OF JOB RESPONSIBILITIES

Financial Implications

IT 17%
Security 42.5%
Risk/Compliance 40.5%

Brand Erosion

IT 21.5%
Security 38%
Risk/Compliance 40%

Compliance Penalties/Fines

IT 18%
Security 37%
Risk/Compliance 45%

LARGEST IMPACT OF AN EXPLOIT ACROSS REGIONS

Financial Implications

NAM 49%
Europe 40.5%
Middle East 59%
Asia Pacific 54%

Brand Impact

NAM 42%
Europe 34.5%
Middle East 41%
Asia Pacific 43%

Compliance Penalties/Fines

NAM 43%
Europe 37.5%
Middle East 38.5%
Asia Pacific 41%

For the entire 2023 Sensitive Content Communications Privacy and Compliance Report, click here.

All Rights Reserved: 2023.