CISOs CONNECT

in partnership with

AimPoint Group W2Communications

# Ransomware in Focus

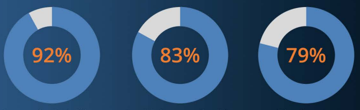
## What CISOs Have to Say

Seeking to cut through the headlines and hype surrounding the topic, we surveyed over 250 Chief Information Security Officers (CISOs) in August 2021 to learn firsthand about their ransomware experiences, concerns, and plans for protecting their organizations going forward.

## No Relief in Sight

| Overall | | Mid-sized Organizations<br>(1,000 to 10,000 employees) |
|---|---|---|
| 53% | Hit at least once by a ransomware attack in the past 12 months | 66% |
| 69% | Expect to be hit at least once by a ransomware attack in the next 12 months | 80% |

### Top 3 industries expecting to be hit by ransomware in the next 12 months



Construction & Machinery

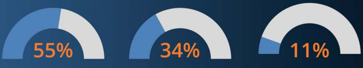
Retail & Consumer Durables

Manufacturing

## Cost of Ransom NOT a Major Concern

| Ransomware impacts of ***greatest*** concern | Ransomware impacts of ***least*** concern |
|---|---|
| **#1**<br>Exposure of sensitive or proprietary data | **#9**<br>Loss of employee productivity |
| **#2**<br>Cost of recovering/restoring to normal operations | **#10**<br>Cost of paying the ransom |
| **#3**<br>Loss or revenue due to operational disruptions | **#11**<br>Cost of regulatory/compliance fines |

## Ransomware Roulette



**Paying the ransom led to *FULL* recovery of data**

**Paying the ransom led to *PARTIAL* recovery of data**

**Paying the ransom led to *NO* recovery of data**

**1 in 5** ....... ransomware victims had an impact of ....... **$5M+**

**1 in 20** ....... ransomware victims had an impact of ....... **$50M+**

## Defenders at the Gate

### Technical countermeasures of greatest importance for mitigating against ransomware attacks

- Data backup & recovery
- Endpoint protection platform (EPP)
- Email security (with phishing detection)
- User awareness and training

### Top Technical countermeasures being added to ransomware defenses in the next 12 months

- User and entity behavior analytics (UEBA)
- Network segmentation / zero trust access
- Data loss/leak prevention (DLP)

## A Silver Lining... of Sorts

**It appears that the high-profile, high-impact nature of ransomware is helping elevate cybersecurity as a Board-level issue.**

***Most*** **significant obstacles to achieving effective ransomware defenses**

- Difficulty implementing tools/technologies
- Lack of skilled personnel to implement solutions
- Other conflicting priorities

***Least*** **significant obstacles to achieving effective ransomware defenses**

- Difficulty justifying related budget requests
- Lack of support from the Board

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