

# **2024 Cyberthreat Defense Report**

#### SURVEY DEMOGRAPHICS



#### **TURNAROUND CONFIRMED**

Reversing a rising trend from 2014 to 2022, the percentage of organizations compromised by a successful cyberattack declined for the third consecutive year, falling to 81.5%.



#### **COMPROMISED ORGANIZATIONS BY COUNTRY**

The percentage of organizations that were victimized by at least one successful attack in the past 12 months.

۲	Mexico	97.0
	South Africa	89.6
	Colombia	87.5
	Spain	87.5
	Brazil	85.3
	France	84.9
C*	Turkey	84.0
\$1933 	Saudi Arabia	83.7
	Germany	83.3
*	China	82.0
	UK	81.8
	USA	79.7
*	Canada	79.6
<u>()</u>	Singapore	78.0
*	Australia	75.5
	Japan	72.9
	Italy	70.0

## FOREMOST THREATS

The cyberthreats causing the greatest concern:



Phishing / spear-phishing attacks

Account takeover / credential abuse attacks



Ransomware

## **AI A FORCE FOR GOOD IN CYBERSECURITY?**

Will AI provide more benefits to security teams or to threat actors? Significantly more security professionals believe they will gain an advantage than think the opposite.



benefit more from AI



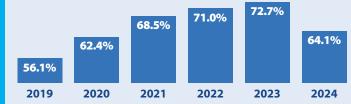
Both will benefit

Threat actors will about equally from AI benefit more from AI

23.8%

#### FEWER ORGANIZATIONS AFFECTED BY RANSOMWARE

The percentage of organizations victimized by ransomware was the lowest in four years.



#### WIDESPREAD SECURITY SKILLS SHORTAGE

Eighty-six percent of organizations are experiencing a shortfall of skilled IT security personnel. Openings are spread across many roles:



## **POSITIVE OUTCOMES FROM AI**

Security professionals expect AI to help them improve their ability to:



#### **BOARDS ADDING CYBERSECURITY EXPERIENCE**

A surprising number of boards of directors include at least one member with a cybersecurity background.



## **HOW TO IMPROVE JOB SATISFACTION**

The top four ways to improve job satisfaction and employee retention in the organization's cybersecurity organization:



## **HOTTEST SECURITY TECH FOR 2024**

The security solutions with the highest "plan for acquisition" rating in each of our four technology categories:

#1 SOLUTION
Next-generation firewall (NGFW)
Deception technology/honeypot
Bot management
Advanced security analytics

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SILVE	le axiad	<b>LEGIT</b> SECURITY	netwrix
	<b>Phosphorus</b>	PICUS	Reveal. security

## **RESEARCH SPONSORS**





	Google Cloud	
Company	Security	
	proofpoint.	
	Protect people. Defend data.	

BLUECAT
<b>A</b> SailPoint

Delinea	opentext
THREATX	tufin