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> PLATFORM OVERVIEW

The Only Unified Platform For

External Cybersecurity

Detect, Disrupt and Respond to Emergent Threats Beyond the Perimeter.



I Gain the Advantage Against Threat Actors

Commerce, customers, and attackers are converging outside the corporate perimeter, creating a new attack surface that traditional security teams cannot see or control. This leaves external assets like brands, domains and people vulnerable to a host of cyber-threats that can result in fraud, reputational damage, data breaches, and even physical harm.

Modern protection demands a robust external cybersecurity program that finds and disrupts threat actors where they operate – across social media and the surface, deep, and dark webs – before they can attack your vulnerable assets.

ZeroFox's leading solutions mitigate risks inherent to the external attack surface. Trusted by 4 of the Fortune 10 and hundreds of the Global 2000 across all industries, ZeroFox's end-to-end platform delivers managed, full-spectrum external threat intelligence, protection, disruption and response for your most critical business assets.

I Global Protection at Unprecedented Scale



4 million assets protected globally



10 million social media alerts triaged annually



800K disruption actions taken weekly



1.3 million posts collected from Deep and Dark web monthly



30 million domains/URLs scanned continuously



Recognized as a leader by:

Gartner

FROST &
SULLIVAN

FORRESTER®





Why ZeroFox: A Complete Experience From Protection to Response

Seamless coverage for your critical assets: ZeroFox provides unified management, easy customization, and robust security for dozens of threat use cases across hundreds of networks (and growing).

> Full visibility of emerging threats:

The ZeroFox platform sifts through millions of data sources across social media and the surface, deep and dark webs, leveraging AI and experts for timely alerts and full-spectrum threat intelligence services.

Rapid and thorough response and recovery: When incidents occur, ZeroFox's expert team is ready to identify, contain, block and take-down active threats, restore business operations, and ensure swift customer support. "ZeroFox has established itself as the global leader in the public attack surface protection marketplace. The company's best-in-class SaaS platform, AI capabilities and exceptional business profile are a testament to the unquestionable value it delivers to customers."

ANTHONY LIN, VP AND SR. MANAGING DIRECTOR, INTEL CAPITAL

I Comprehensive External Cybersecurity

One End-to-End Platform. Globally Recognized Best-in-Class Solutions. Unmatched Visibility Into the Entire Threat Landscape. Coverage Across Hundreds of Networks. Support for Dozens of Threat Use Cases.

Protection	Intelligence	Disruption	Response
Protect brands, domains and people from threats outside your perimeter	Leverage full-spectrum intelligence & deep expertise tailored to your unique needs	Block attacker infrastructure and takedown threats rapidly	Mobilize quickly and respond rapidly to incidents and data breaches



As part of our disruption offering, ZeroFox has partnered with Google Cloud to combat phishing.



One Unified Platform Award-Winning Capabilities

Multi-Channel Coverage + High-Fidelity Intelligence + Rapid Analysis and Alerts + Automated In-House Disruption and Rapid Response Services

Digital Risk Protection		
External Attack Surface Management	Gain access to continuous visibility and accurate identification of organizational exposures through mimicking attacker reconnaissance, mapping the digital footprint, correlating exposures to assets for proactive remediation, estimating attack likelihood, and delivering actionable alerts for enhanced operational assurance, simplifying risk reduction for organizations.	
Domain Protection	Safeguard owned domains and protect employees and customers from malicious domains and domain-based phishing attacks, hosted malware, IP Infringement, homoglyphs and typo-squatted URLs.	
Brand Protection	Protect your critical digital assets and data, including domains, social media accounts, corporate pages, credit card BINs, mobile apps, marketplaces and more from impersonations, data leaks, customer fraud and scams, account takeovers, credential theft, botnets, IP infringement, brand abuse and more.	
Executive Protection	Prevent threat actors from exploiting your executives' reputations and impersonating their personas on social media, stop persona-driven fraud and scams, reduce the attack surface by removing PII, and gain intelligence over physical threats and disruptive global events.	
OnWatch Managed Services	Gain timely and accurate data vetted and managed 24/7/365 by world-class security operations centers and cybersecurity experts who review, triage, validate, and escalate alerts and prioritize threats on your behalf.	

Threat Intelligence		
On Demand Investigations	Inform your security operations and manage resources with customizable, finished intelligence reports, technical cybersecurity analysis, threat assessments, research, and ad-hoc analytic projects on threat actors, online criminal activity, and third party risk.	
Physical Security Intelligence	Improve situational awareness and protect locations and personnel 24/7/365 with analyst vetted and near real-time alerts on physical threats made in the digital world that pose a risk at or near locations deemed critical to your organization.	
Intelligence Search	Access raw and finished ZeroFox intelligence on-demand, with easily searchable historical and regularly updated threat insights from petabytes of unique threat data, speeding up investigations and research to strengthen your defenses.	
Threat Intelligence Feeds	Continuously discover risks to assets, people and network devices by integrating exclusive data sets and expert context into your SIEM, SOAR, TIP or ITSM to expedite decision making and automate threat protection within your existing security suite.	

Adversary Disruption		
Universal Takedowns	Automatically block an attacker's campaign infrastructure and takedown (in-house) fake, fraudulent and malicious websites, URLs, files, social profiles, content, comments and other terms of service (TOS) violations across 100+ networks (and growing).	
Pii Removal	Protect executives and key personnel from phishing, social engineering attacks, doxxing, swatting, and impersonations by continuously monitoring and automatically removing personally identifiable information from data broker sites and Google searches.	
Global Disruption Network	Leverage a community of more than 50 disruption partners including ISPs, hosts, registrars, and Google to quickly block malicious content and significantly reduce the "threat exposure gap" that occurs while a takedown is in process.	



Gain Powerful Visibility Into the Dark Web

ZeroFox continuously monitors underground channels via scraping, API, and embedded personas to identify the sharing of customer information, account credentials, passport numbers, and other PII that puts your clients, employees, brand, and business at risk.

| World-Class Incident + Breach Response

With cyber incidents increasing at double-digit rates, organizations must prepare for the inevitable attack and the potential for a data breach. To help customers when an incident occurs, ZeroFox offers a dedicated and experienced response team to identify, prioritize, contain, and remediate security issues and fight back against attackers by disrupting their campaign's infrastructure. Our incident response team works collaboratively with your organization to investigate, respond, and recover from security incidents as quickly and as efficiently as possible. If a data breach is identified, our swift actions help minimize any impact to the population and the organization, allowing the return to normal business operations.





About ZeroFox

The leader in External Cybersecurity

ZeroFox (Nasdag: ZFOX), an enterprise software-as-aservice leader in external cybersecurity, has redefined security outside the corporate perimeter on the internet, where businesses operate, and threat actors thrive. The ZeroFox platform combines advanced Al analytics, digital risk and privacy protection, fullspectrum threat intelligence, and a robust portfolio of breach, incident and takedown response capabilities to expose and disrupt phishing and fraud campaigns, botnet exposures, credential theft, impersonations, data breaches, and physical threats that target your brands, domains, people, and assets. Join thousands of customers, including some of the largest public sector organizations as well as finance, media, technology and retail companies to stay ahead of adversaries and address the entire lifecycle of external cyber risks. ZeroFox and the ZeroFox logo are trademarks or registered trademarks of ZeroFox, Inc. and/or its affiliates in the U.S. and other countries.

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DATASHEET

Executive Protection

Comprehensive digital and physical protection for executives and VIPs

In today's digital age, executives and VIPs face a multitude of risks that can compromise their personal and professional lives due to the abundance of information shared on social media, data broker sites, or the dark web. ZeroFox's comprehensive Executive Protection solution ensures these disclosures don't lead to executive impersonations, inadvertent leakage of critical data, or worse, compromises to digital and physical safety. These risks make executives and their family members vulnerable to scams, physical threats, and cyber attacks.

To mitigate potential harm and protect valuable assets, ZeroFox's comprehensive Executive Protection is necessary. Delivering critical protection including:

- > Executive hacks, takeovers and impersonations
- > Cyber threats (doxxing, swatting, data compromise)
- > Personally Identifiable Information (PII) Exposure
- Physical threats (posts threatening violence, location and travel related threats, suspicious geo-location activity)

BENEFITS

- Protect Digital Presence and Reputation - Detect and remove impersonations, fraudulent or offensive content on social media, data broker sites, and surface web to safeguard executives' personal and professional life.
- Identify Emerging Threats for Proactive Protection - Find emerging threats like leaked PII and credentials, account takeovers, exposed travel plans, and risky attack chatter.
- Complete Monitoring For Threats to Safety - Monitor and gain visibility into real-world and digital threats, harassment and disturbances that put high-profile individuals at risk, with automated enforcement preventing damage before it occurs.

19,000

EXECUTIVES/VIPS PROTECTED

105,000

PHYSICAL SECURITY ALERTS
VALIDATED LAST YEAR

350,000

SUCCESSFUL EXECUTIVE
IMPERSONATION TAKEDOWNS



FEATURES

- Find and Remove Fraudulent Profiles and Content - Safeguard executives' online presence by detecting and removing fraudulent profiles and content, including impersonations and risky posts. Utilize advanced Al-based image comparison technology to compare modified images and automatically alert suspicious profiles.
- Remove PII from Data Broker Sites Monitor data broker sites for personal information bought and sold online. Automatically remove exposed personal information for the executive and their family members from Google searches and data broker sites to prevent targeted attacks.
- Continuously Monitor the Dark Web for Data Leakage, Theft, and Malicious Activity - Monitor the dark web for leaked account credentials, PII, financial records,

- addresses, and account theft. Receive alerts to potential identity theft and doxxing attacks.
- Protect Key People from Physical Threats (available in Premium) - Get near real-time alerting for potential physical threats to the executive and enrolled family members based on geographic proximity.
- Heighten Security and Visibility Through
 Managed Services With Managed Executive
 Security, request additional services and
 reports on protected executives to expand
 situational awareness, including Executive Threat
 Assessments, Person of Interest Investigations,
 Travel Assessments, Deep & Dark Web Briefs,
 Platform Alert Analyst Investigations, and
 Managed Deep & Dark Web Threat Hunting.

| End-to-end Executive Protection

The ZeroFox platform provides three tiers in Executive Protection, Essentials, Premium, and Managed Services:

Use Case Coverage For Each Tier	Essentials	Premium	Managed Services
Executive Impersonation Monitor for impersonations, unofficial, or unsanctioned accounts across social media	/	/	/
Compromised Credentials Monitor any mentions of possible compromised credentials in the surface, deep and dark web	/	/	/
Doxxing Monitoring Monitor for any public release of private information by searching across public available databases and social media websites, as well as using hacking and social engineering techniques to identify any malicious intent behind the release of information	/	/	/
Physical Threats Monitor for any accidents or unsafe incidents involving company assets, vehicles, or personnel, reported by employees or third parties (up to 5 locations)		/	/
Exposed PII Ongoing detection and automatic removal of exposed PII on data broker sites	/	/	/
Risk to Family Members Protect 5 immediate family members with full Essentials coverage, Physical security protection and PII Removal		/	/
Managed Services Gain additional intelligence through services and reports, including Executive Threat Assessments, Person of Interest Investigations, Travel Assessments, and more.			/

^{*} Note that the Executive may not be reused or reallocated to a different Executive after it has been provisioned.

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^{*} PII Removal service requires a physical address in the United States.



Brand Protection

Protect revenue, brand integrity and ensure customer trust.

Forrester recognized ZeroFox as best-in-class for brand threat intelligence and takedown services - we're the established leader in this category. Our solution delivers unparalleled protection beyond the perimeter for your most critical digital assets and data such as: domains, corporate accounts and pages, credit card BINs, mobile apps and more across millions of sources on social media and the surface, deep and dark web.



3.9 million assets monitored daily



12 billion records tracked in data lake



2 million deep/dark web alerts yearly



1 million brand alerts monthly



400 dark web forums monitored daily



1200 successful takedowns daily

BENEFITS

ZeroFox Brand Protection empowers security teams of all sizes to proactively mitigate external threats to revenue, reputation, and customer engagement.

- UNIVERSAL COVERAGE Extend your protection to the surface, deep and dark web where your customers engage, brands are built, and business is won or lost.
- PII and CAC exposures, IP abuse and other threats to your business, people, and product across more than 100 networks and channels.
- Leverage the power of automated global data collection and analysis across a voluminous set of data sources combined with AI, human expertise, and managed services to maximize your team's coverage, speed and efficiency at scale.

"ZeroFox gives us critical visibility into channels that were previously blind spots for us. The intelligence gained from the ZeroFox Platform helps us prevent the loss of revenue to bad actors online and ultimately protect our customers from scams."

- SCOTT SMITH, DIRECTOR OF INFORMATION TECHNOLOGY, ROYAL FARMS (RETAIL)

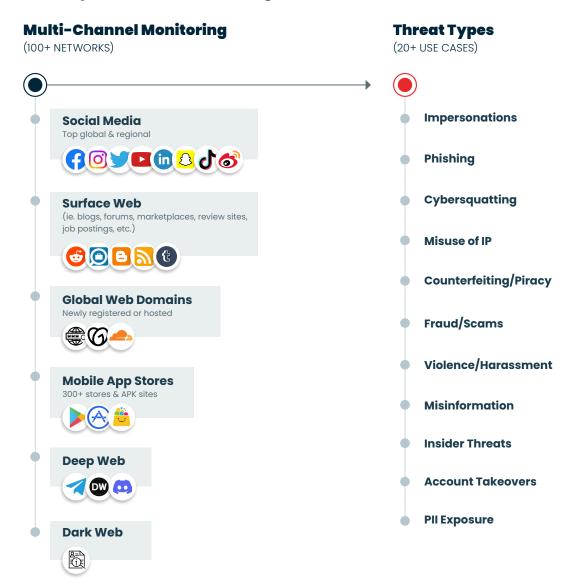




ZeroFox & Google Cloud have partnered to combat phishing.



I Comprehensive Coverage



I Key Capabilities

- **High Fidelity Visibility** Over 1 billion content assets processed daily helps identify threats lurking on social media, domains, blogs, mobile app stores, dark web forums, and more.
- **Rapid and Accurate Threat Detection** Utilize the latest AI technology including NLP, OCR, image comparison and more to identify active threats and 24x7 SOC analysts who validate large volumes to deliver fast, accurate and prioritized alerts.
- Unrivaled Social Media Capabilities Monitor authenticated brand social channels for suspicious activity and prevent impersonations and account takeovers with in-platform controls to lock down accounts and block unauthorized posts.
- > Unique Deep and Dark Web Accessibility Technology combined with embedded personas with unique access to underground communication channels and forums continuously monitor the deep and dark web to protect executives, domains, products, brands, and supply chain partners.

How It Works

ZeroFox Brand Protection is a managed platform that can also integrate with your current security tools, Business Intelligence, social media management, and other technologies. It is purpose-built on microservices and APIs to enable every data point, IOC, remediation action, metadata blob, and contextualized alerts to be delivered in real-time within existing security workflows, infrastructure, and toolsets.

()] COLLECT

global intelligence across social media, platforms, domains, app stores, and the surface, deep and dark web to identify external threats.

02 ANALYZE

and process millions of data points through machine learning, optical character recognition, computer vision and logo detection to identify potential brand abuse.

03 GENERATE

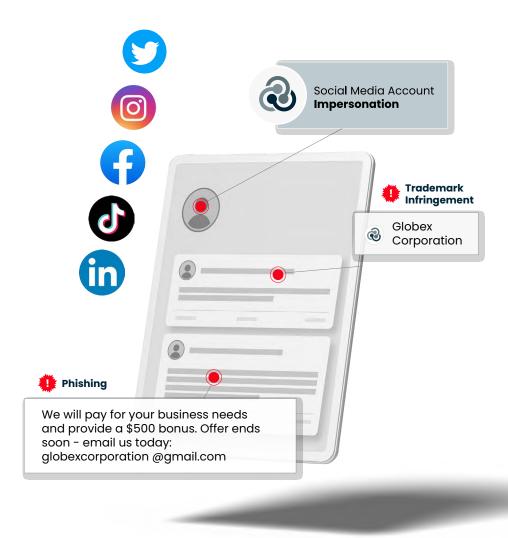
alerts on targeted threats, including social media impersonations, counterfeiting, piracy, scams, trademark infringement, offensive content, logo misuse and more.

04 AUTOMATE

the disruption and takedown process to swiftly report and remove threats before they reach customers.

05 SAFEGUARD

revenue, brand reputation and customer engagement online.



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About ZeroFox

ZeroFox is recognized by Forrester as best-in-class for brand threat intelligence and takedown services. ZeroFox has 1,000+ customers across 50 countries, including 4 of the Fortune 10. ZeroFox protects over 3.9 million assets, tracks 12 billion records in our threat intelligence data lake, and in the past 12 months, has delivered 2 million deep and dark web alerts and performed 630,000 takedowns.





Challenge

The cybersecurity landscape is a battleground where organizations are under constant assault from sophisticated cyber threats. The financial toll is staggering: the average cost of a data breach in 2024 was \$4.88¹ million, and it's only expected to increase. Gaining actionable insights and connecting fragmented data is essential for effective threat intelligence hunting, gathering, and protection.

Traditional security tools are struggling to keep up with these evolving threats. A recent study shows 79%² of organizations detected a cyberattack within the past 12 months, up from 68% the previous year. These tools often lack the breadth and depth needed to identify emerging threats before they cause damage. Security teams need real-time, comprehensive intelligence to proactively defend against attacks.

Solution

ZeroFox Intelligence Search offers a powerful, searchable interface into ZeroFox's expansive threat intelligence data lake providing detailed insights into attacks, threat actor profiles, and indicators of compromise. Designed to bridge the gap in threat detection, ZeroFox's Intelligence Search empower incident responders, analysts, and researchers with unlimited access to petabytes of curated data and intelligence. This includes both finished intelligence and raw data, all meticulously gathered from global sources based on your organization's specific intelligence needs. Deeply investigate relationships between various attack and threat indicators, search across petabytes of curated intelligence and raw threat data, and stay ahead of attackers.

KEY FEATURES

- Massive Intelligence Data: Search across an extensive intelligence data lake with over 12 billion records, offering real-time insights into cyber incidents, vulnerabilities, breach data, threat actors, and indicators of compromise (IOCs).
- Real-Time Threat Intelligence: Leverage curated cyber intelligence from ZeroFox Intelligence Analysts, gaining crucial context on emerging threats and TTPs (Tactics, Techniques, and Procedure) to enhance detection strategies.
- **Continuous Monitoring:** Save searches to continuously track specific threats, IOCs, or evolving attack patterns unique to your organization.

BENEFITS

- Faster threat detection and investigations through unified search and analytics
- Better correlation of intelligence across multiple sources, spanning the surface, deep, and dark web, along with extensive logs of compromised credentials and IPs associated with known botnets.
- Scalability to handle massive data volumes without performance bottlenecks.
- Improved decision-making with enriched context and historical insights.

^{1 &}lt;u>Cost of a Data Breach Report 2024, IBM</u>
2 <u>Netwrix's 2024 Hybrid Security Trends Report, May 2024</u>



Powerful, Searchable Threat Intelligence Data Lake To Accelerate Incident Investigation and Threat Hunting

ZeroFox's Intelligence Search module provides incident responders, analysts, and threat hunters access to curated, actionable external threat intelligence via a unified search to power their investigations. Search and save intelligence collected from dark web and covert communications channels, including dark operative HUMINT. Identify critical exposures and gain early warning into attack planning and chatter. Quickly pivot on correlated intelligence and gather further evidence from a huge collection of interconnected threat data. Additionally, tap into the latest cybersecurity news, analyst advisories, threat research, and vulnerability reports from the ZeroFox Intelligence Team.

Rapid Investigations To Keep Defenders Ahead

SECURITY OPERATIONS & INCIDENT RESPONSE

Quickly correlate alerts with known malicious network IOCs like Command and Control (C2) domains, compromised account credentials, "zombie" IP addresses found in information stealer logs, and ransomware and malware hashes.





THREAT HUNTING & THREAT RESEARCH

Get detailed analyses of threat actors targeting your industry and region– including TTPs mapped to MITRE Att&ck. Build Investigations to compile relevant IOAs, IOCs, and Dark Web chatter to inform your defensive strategy.

VULNERABILITY ANALYSIS & PENETRATION TESTING

Investigate Common Vulnerabilities and Exposures (CVE) and associated Common Vulnerability Scoring (CVSS) and Exploit Prediction Scoring System (EPSS) to inform prioritization and recommended mitigations to stop threat actors.



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Next-Gen Takedowns

The industry's most efficient and transparent takedown service – from threat submission to resolution

Challenge

As cyber criminals continue to adapt and devise new tactics to target brands and executives to exploit digital platforms, security teams must have the ability to rapidly identify and remove malicious content - such as phishing and fraudulent domains, social profiles and marketplace listings - before significant damage to their organization's revenue, reputation, and operations can occur.

Automated takedown services provide organizations with a means of combating online threats and protecting their brands. However, limited in-house capabilities, burdensome submission processes, ineffective threat monitoring, insufficient network partnerships, and minimal real-time transparency into takedown status often sour organizations on their partner's ability to resolve complex threats rapidly and at scale.

Solution

ZeroFox's best-in-class, Next-Gen Takedown solution provides organizations with a fully-automated solution to rapidly block and remove offending content- including malicious domains and URLs, impersonating social media accounts, fraudulent mobile apps or fake marketplace listings, and more—that can harm your brand, reputation, and operations.

Leveraging our world-class rule engine, our in-house team of experts, proprietary Global Disruption Network, and streamlined Takedown Submission Tool, ZeroFox provides the industry's most powerful combination of takedown automation and transparency to ensure threats to your business are rapidly identified, disrupted, and remediated as quickly as possible.

Takedowns are available as part of the ZeroFox Platform's Disruption solution and are not currently offered as a standalone service.

ZeroFox recognized by Forrester for best-in-class takedown services

- Forrester Wave 2022

KEY FEATURES

- 100% in-house disruption team: leverage the industry's largest, most experienced team of analysts who process and execute takedowns on your behalf without the need to consult multiple sources.
- Unparalleled threat takedown/ remediation coverage:
 ZeroFox natively covers the most comprehensive set of
 takedown scenarios, including social media posts,
 malicious domains, fake mobile apps, marketplace
 listings, leaked IP, and more.
- Self-service takedown submission: ZeroFox identifies
 potential targets for takedown and provides easy
 access through our portal or API to rapidly request the
 removal of unauthorized content.



BENEFITS

- Rapid threat resolution with fully-automated, in-house takedowns executed on your behalf
- 267% Estimated ROI when factoring reduced costs of removing impersonating accounts over the span of three years, according to Forrester TEI
- Reduced Time-to-Remediation with ZeroFox's integration with Google Safe Browsing, enabling malicious domains to be blocked in as little as 20 minutes
- Trusted visibility and transparency throughout the takedown lifecycle with regular status reports and updates via platform notifications, emails, and API



Next-Gen Takedowns: How it Works



Takedown requests are submitted to ZeroFox

- Malicious domains and URLs
- Impersonating social media accounts
- Fraudulent mobile apps and and marketplace listings
- Infringing content and more

Zerofox responds rapidly

- Submissions automatically tagged for disruption and takedown and sent to partners when appropriate
- Automated, proactive blocking actions
- Distribution of threat intel to common security black lists

Threats are quickly resolved

- Verification of requests submitted in minutes
- Removal of attacker infrastructure
- Total dashboard visibility over the entire takedown process
- Transparent reporting, tracking, and status updates

Common Takedown Use Cases*

Threat	Content Type
> Phishing Domains	 Live, hosting malicious content Impersonating domain or subdomain of a legitimate name Using branded content (ie. logos, website code, etc.) Often includes form or call to action
> Phishing Email Addresses	> Email addresses used to send phishing emails (may be private domain or public ISP)
> IP Infringement	 Live, hosting content that abuses IP or copyrighted material Impersonating protected domain name/ branded content
> Brand Impersonations & Misuse of IP	 Accounts/pages that misappropriate protected brand names Misappropriating brand logos/Images
> Executive/VIP Impersonations	 Accounts/pages that use impersonating names and pictures relating to an executive/VIP No clear disclosure that it's not a fan or parody account/page
> Counterfeiting & Piracy	 Accounts/posts sharing images, names, or calls to action for unauthorized sale of counterfeit goods Accounts/posts illegally hosting or distributing copyrighted digital content
> Fraud & Scams	 Accounts/posts targeting employees and/or customers with fraudulent information or calls to action with the intent to defraud, deceive or cause harm to users Examples include: money flipping, fake coupons, etc.
> Violence, Harassment, Misinformation	> Accounts/posts with targeted abuse or threats of harm toward an individual, brand, or public figure

^{*}The above chart is not exhaustive; ZeroFox will issue takedowns on any site, assuming there is a legal, trademark, copyright, or Terms of Service violation.

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