BOLSTER

Fraud & Risk Orchestration & Automation Platform

Leverage AI and Automation in Real Time

Today's fraud prevention platforms are highly manual and reactive, fragmented, inaccurate, and slow. This means constantly chasing after attacks, spending time and money, in a vicious cycle to mitigate risk and exposure. Until teams stop playing defense, and adopt new technologies to go on the offensive, this problem will persist. The Bolster Fraud & Risk Orchestration & Automation Platform changes everything with industry leading real-time, fully-automated, online risk detection, mitigation, and takedown capabilities. Through an innovative combination of natural language processing, logo detection and computer vision, plus deep learning, the Bolster platform determines the intent of a phishing or fraudulent site in real time and automatically takes it down in minutes.

AI-Powered Detection

No reactive blacklists. No human oversight. Our detection engine uses deep learning to render a scam verdict within 100 milliseconds with a false positive rate of 1 in 100,000.

Automated Zero-Touch Takedown

Using domain registry APIs or automated emails, we take down fraud sites in as little as 2 minutes with a 95%+ takedown rate. No late night emails, no human intervention
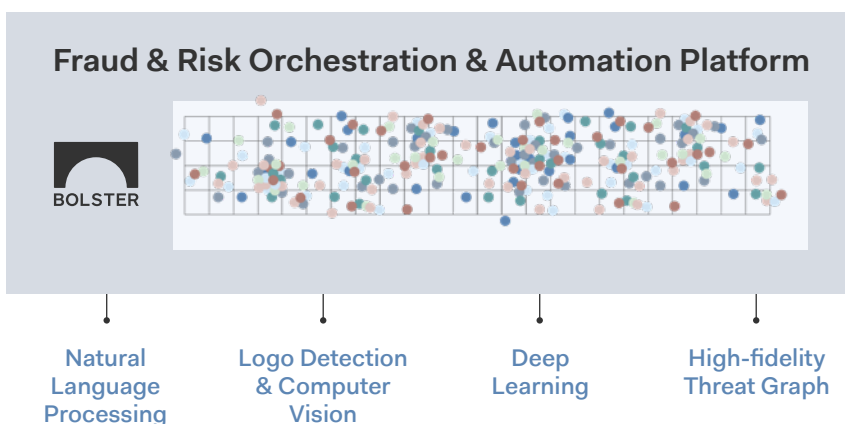
Continuous Monitoring

For every brand-related site that we detect, we continually monitor it on a daily basis. If a fraudulent site comes back online, then we immediately issue a takedown.

Rich Threat Intelligence/Dashboard

In addition to a full dashboard to track your fight against scammers, we provide 20+ data points of rich threat intelligence for you to associate and understand attacks.

Solutions

Phishing/Scam Protection	Content Moderation	Brand Protection	Fraud Prevention
Typosquatting	App Store Monitoring	Domain Monitoring	Detection API

Fraud & Risk Orchestration & Automation Platform

BOLSTER

- Natural Language Processing
- Logo Detection & Computer Vision
- Deep Learning
- High-fidelity Threat Graph

zoom

"I have been very impressed with Bolster's speed and efficiency in detecting and removing fraudulent sites targeting Zoom's customers. The technology, analytics and support are world class and have enabled us to better protect the Zoom community against these threats."
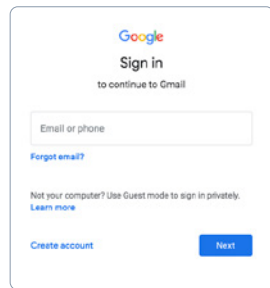
Richard Farley
CISO

How we do it:

1 Natural Language Processing

Read site intent

The Bolster platform uses natural language processing to read through pages as a human would, and reads through all of a site's code to understand the intent of the site.
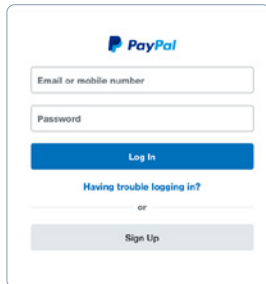
IMAGE OBJECTS
- ✓ Google logo
- ✓ Login form

INTENT
Asking user to sign into Google account

NATURAL LANGUAGE
"Sign in with your Google account email or phone forget email…"

Email Open Web

Bolster APIs

CheckPhish Submissions

(24/7 screening)

URL >

>

99.8% accurate prediction
FP rate: 1 in 100,000
Time: <100ms

URL: https://x.co/6ec04
Redirected URL: https//www.co
Disposition: PHISH
Brand: PayPal
IP:45.40.140.1
ASN: AS26496
Network Owner: godaddy.com
Country: USA
Time: Jan 11, 2020, 10:14 AM

2 Logo Detection & Computer Vision

Recognize target logo and brand

Patent-pending computer vision algorithms go beyond basic object detection with 100+ examination points to classify the brand being infringed and the nature of the infringement.

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3 Deep Learning

Making a real-time verdict

Deep learning combine outputs from natural language processing and computer vision models to deliver verdicts for all popular scam categories from phishing to financial scams to illicit content.
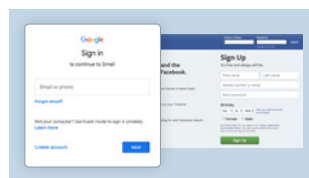
IMAGE OBJECTS
- ✓ Google logo
- ✓ Facebook logo
- ✓ Blockchain logo
- ✓ Login form

WEBSITE TEXT DATA
"Sign in with your Google account email or phone forget email…"

"Welcome back! Sign into your wallet below:"

NATURAL LANGUAGE UNDERSTANDING
Sign in to form
Selling goods
Illegal streaming

About

Bolster builds AI/ML technology to protect regular citizens from bad actors on the internet. Your favorite brands from technology to eCommerce use our software to detect and takedown threats that might attack their customers, employees, or partners.
Learn more at: www.bolster.ai

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