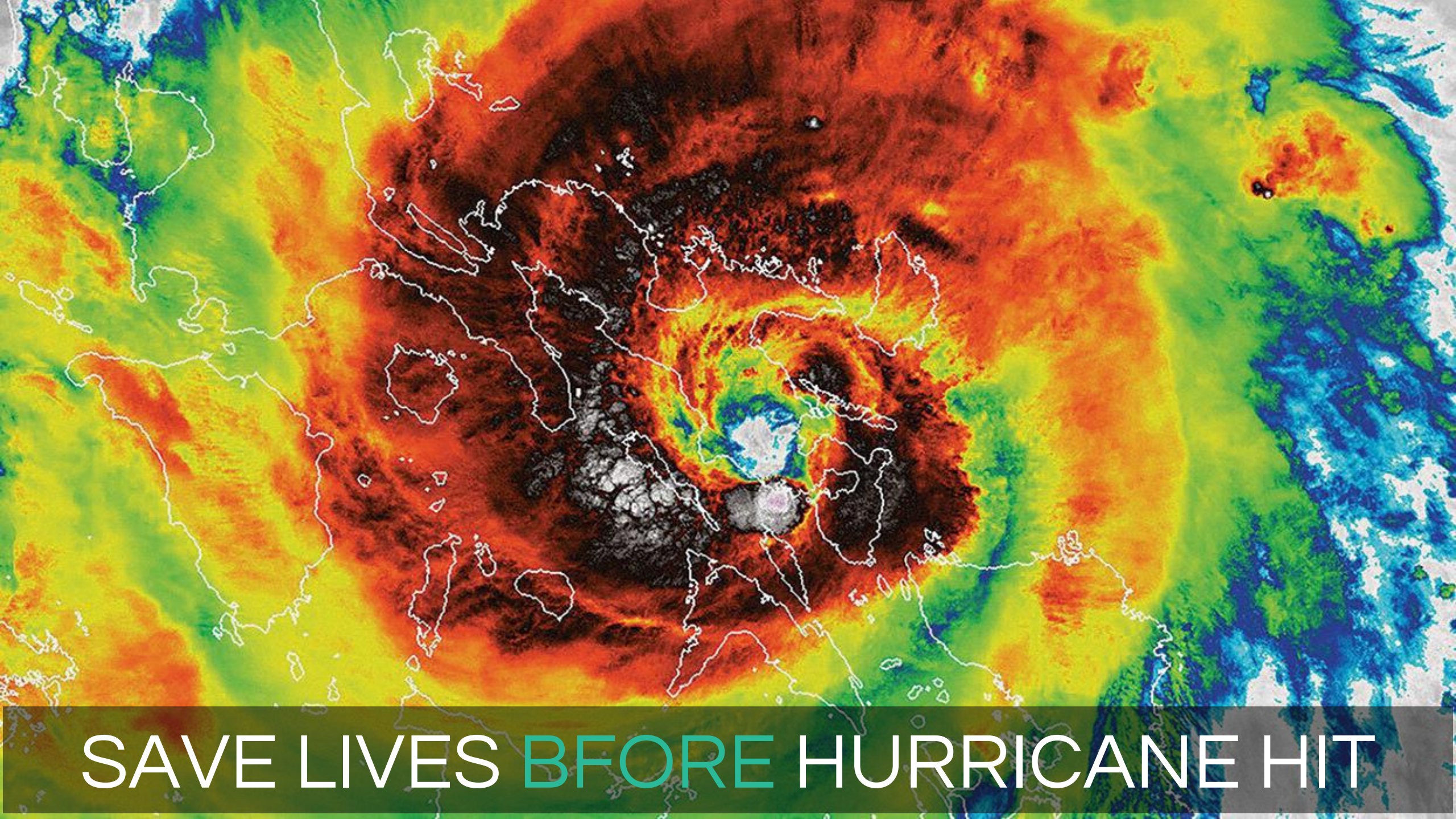
# Be Safer with Predictive Security

bfore.ai

Luigi Lenguito
CEO
luigi@bfore.ai
+33 782362484

Rouge le matin chagrin (ou la pluie est en chemin), rouge le soir espoir
Red sky at night, sailor's delight. Red sky in the morning, sailor's warning.
Rosso di sera, bel tempo si spera, rosso di mattina mal tempo si avvicina.

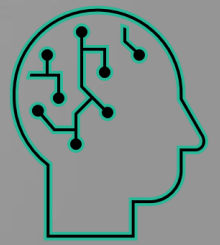

SAVE LIVES BFORE HURRICANE HIT

SAVE LIVES BFORE ROCKETS HIT.

# What’s common ?

FOCUS ON
ANTICIPATION

MASSIVE
DATA ANALYSIS



AI
RESEARCH

# PREDICTION enables PREVENTION

# THE WORLD NEED A NEW CYBERSECURITY PARADIGM

# PRECRIME™

## PREDICT CYBER THREAT VECTORS

6Hrs to Months
before anyone else

Be One Step Ahead

0.05%
False Positives

No resource waste

Threat Agnostic at
Internet Scale

Future Ready

# Why Prevention is the Best Cure

Signify

Global / Israel

Saved **$30M** by blocking a ransomware attack

Anticipation
*4 months*

BTIG

USA

**Avoided** 500K€ loss in BEC attack

Anticipation
*96 hours*

Quad9

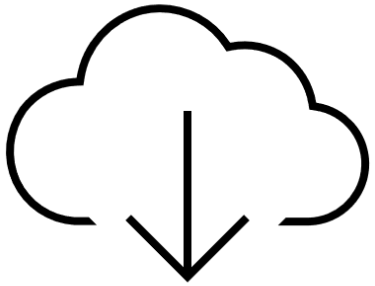
Worldwide

Protected 400M connections/day blocking botnet

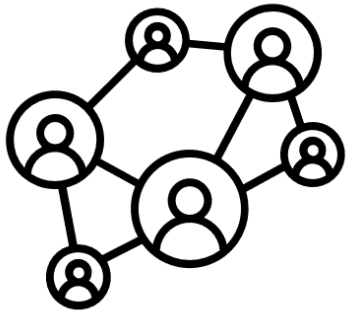
Anticipation
*2 months*

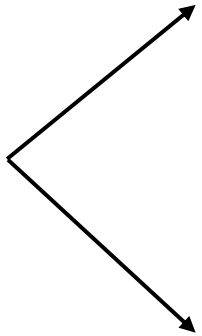
# Like weather forecasts, more precise, larger scale

Hyperscale distributed observation



Patented (4x) Predictive Behavioural Analytics scoring





- ✓ Daily evaluation >500K
- ✓ 95% ccTLD, gTLD coverage
- ✓ Domain names and FQDNs

- ✓ Uses a mix of public and private datapoints
- ✓ Billions of nodes evaluation
- ✓ Self-learning feedback loop

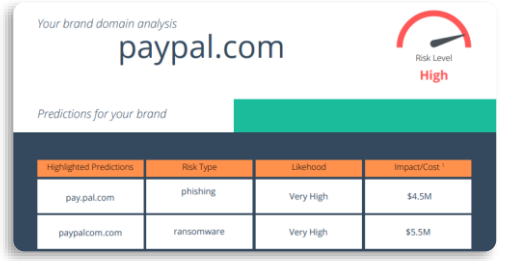
## PreCrime™ for Network

**Reputation Deny-List & Threat Intelligence Feed**

paloalto NETWORKS · CISCO · FORTINET · FORCEPOINT · SONICWALL · Barracuda · f5 · CISCO Umbrella · neustar UltraDNS · CLOUDFLARE · aws

## PreCrime™ for Brands

**Monitoring, Alerting, Proof Collection and Proactive Takedowns**

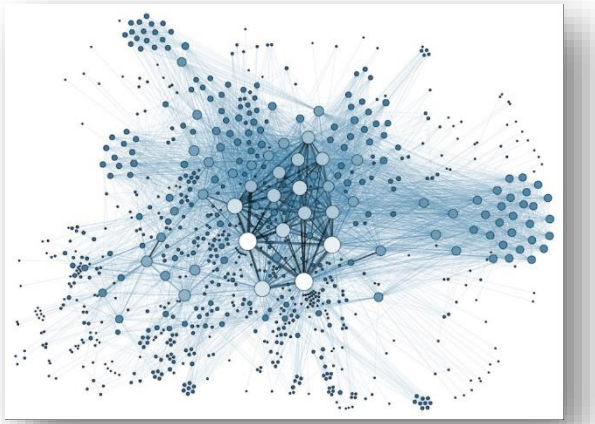




CONFIDENTIAL – SAS Predimya – © 2021

# PreCrime™ Pipeline (US Patent 10,681,070 B2 )

## Behaviours Mapping

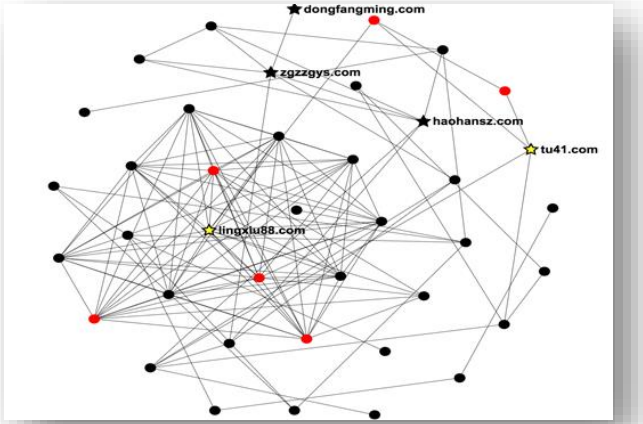


- ✓ Multidimensional Map Domains Metadata relationships over time
- ✓ Over 400 billion edges
- ✓ Understand and correlate behaviours

## Seeding Truth

- ✓ Curated-list of known good and known bad
- ✓ Cover all kinds of malicious activities
- ✓ Regularly augmented for comprehensiveness

## Infer Intent




- ✓ Near-real-time inference
- ✓ High quality/reliability scoring (<0.5% FPR)
- ✓ ML feedback loop to continuously improve


CONFIDENTIAL – SAS Predimya – © 2021

# Block attacks before they start – inside or outside

**PreCrime** Networks
Cyber Threat Intelligence

**Defend Your Organization**

**PreCrime** Brands
Brand Protection

**Defend Your Stakeholders**

**PreEmpt**
Countermeasures & Takedowns

**Strike back and Deterrence**

# How do they feel

Signify

Kobe S. - Head of Cyber Threat Intelligence

Bfore.ai the perfect tool to help any Cyber Threat intelligence team to predict the crime before it happens. Superb detection of threat actor's attack infrastructure. But besides detection, bfore.ai, provides the tools to fight the crime with mitigation and take downs of the threat actor's assets

Volksbank

Petra C. - Chief Information Security

We truly love bfore.ai PreCrime, they give us the superpower to protect our customers by stopping threats before they start.

« Every battle is won

**BFORE**

it is fought »

Sun Tzu

bfore.ai

Luigi Lenguito
CEO
luigi@bfore.ai
+33 782362484

# PreCrime™ is not Sci-fi anymore

- 7 years of research, 4 International AI patents
- French HQ, fully remote distributed workforce
- Founded in 2020 after 2 years in « stealth »
- Resellers in LatAm, SouthAsia, UK, France, MiddleEast
- First and only patented Predictive Cyber Security

The 2021 French CYBER-SECURITY STARTUPS radar By WAVESTONE & bpifrance Hub

bpifrance « DEEPTECH » La FRENCH TECH

FIC 2021

FINTECH ABU DHABI

La Mêlée

theventure.city

ThreatSTOP

Quad9

VirusTotal

GLOBAL CYBER ALLIANCE

6cure secure your business

CRDF LABS