

PreCrime™ API

Fighting Cyber Threat with Intelligence

Emerging Threats

Cyberattacks exploit vulnerabilities in computer networks and can overtake even major networks in less time than it takes to watch a movie. That's why detection and response is no longer enough for the next generation of cybersecurity solutions.

Predictive cybersecurity adds a new dimension of preparedness and allows network security teams to gain hours, days or weeks to help avoid becoming the next victim of a costly attack, while also improving network performance and minimizing end-user friction.

How BFore.ai Helps

BFore.ai uses patented behaviour-based learning and analytics that leverage the power of advanced AI/ML models to evaluate and score newly registered and morphed domains predicting potential malicious intent.

BFore.ai

We are a team of IT enthusiasts looking to change the "detect and react" cyber security framework. Inspired by The Minority Report novel and movie, we set ourselves on the journey to develop a Predictive Cybersecurity Technology to pre-empt Cyber Threats.

Our Approach

We collect billions of data points daily to map Internet metadata relationships. Our distributed listeners capture near real-time changes like additions, IP hops, modifications, etc... The result is a multidimensional Cyberspace map.

We then apply behavioural analytics to cluster the map according to the relationships over time, in correlation to known "good" and identified "bad" behaviours.

Our patented technology predicts intent of newly created and morphed domains by matching behaviours much like a serial crime profiler. It is agnostic to the type of threat, and it does not need to detect any activity to perform the prediction. The scored results are then shared via the restful API.

With a False Positive Rate (FPR) lower than 0.5%, your network is protected like never before.

Client Benefits

- Near-real time protection from emerging threats
- From hours to weeks of a head start on threat detection
- Seamless API integration with most security solutions
- Enable Predictive DNS capability in conjunction with Response Policy Zones (RPZ) or Managed DNS solutions.
- Available as query-model or feed-model to adapt to your infrastructure
- Integration with BFore.ai Proactive Takedown Services



For more information, mail info@bfore.ai to speak to a PreCrime specialist.

<https://bfore.ai>