



# CySecurity Corp

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**CySecurity APT Cloudscan**

# INTRODUCTION

CySecurity Corp, US HQ security products company which owns CySecurity APT Cloud Scan and Web Search, Data breach and Dark web Monitoring. The dedicated SaaS is running effectively in hundreds of BFSI/corporates in multiple countries

CySecurity has two unique cloud SaaS products that helps CISO of organisation to ensure their infrastructure is safe.

## Our Two Cloud Products for BFSI/Corporate

- **CySecurity APT Cloudscan**
  1. Vulnerability monitoring for URL/IP
  2. Fake mobile app monitoring
  3. SAM (Surface Area Monitoring)
- **CySecurity Websearch Databreach, Darkweb(WDD)**
  1. Negative News Monitoring
  2. Databreach
  3. Darkweb monitoring (specific TLP red)





**SAM**

Surface Area Monitoring (anti phish, anti malware) Monitoring

**01**

**CySecurity APT  
Cloud Scan**

**Vulnerability  
Monitoring**

For URI/IP

**02**

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Data Breach

**CySecurity WDD**

**06**

**DWM**

Dark Web Monitoring  
(Specific TLP red)





**01**

# Surface Area Monitoring

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# Surface Area Monitoring (anti phish, anti malware) Monitoring

- Exhaustive scan of global phishing and spamming databases to cross-check potential compromises of customer's domain/s
- Sandbox application to browse customer's site/s and check if iframe, malware, java drive by can be downloaded to infect the machines of the end users of a bank's website or an e-commerce portal
- Automated daily scan and report generation
- Phishing complaints reporting system
- Anti viruses check for web portal infections by crawling through all known paths
- DNS Hijack Detection via cross checking with 450 odd DNS servers from across the world
- Similarly named websites detection using a) Advanced heuristics algorithm (even a 5 % match generates alert) and b) Automated "Electronic Eye", a recognition and comparison engine to scan
- screen shots
- AP 24 – Uses phishing feeds on 24/7 basis to detect logo spoofing; image processing engine
- incorporates machine learning; Use of feeds from certificate transparency logs (CTL) for comparison and monitoring of logo misuse



# VM-WEB(Vulnerability Monitoring Web)

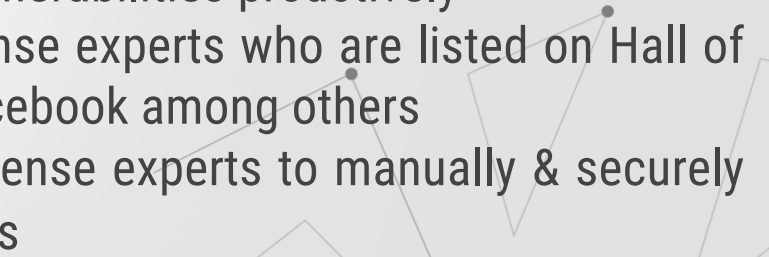
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- Security Scan of Web portals
  - Protect customers/clients, employees, suppliers, distributors
  - Automated scan and report generation
  - Advanced shell detector module to identify stealth shell-codes
  - Web reputation scan is non-intrusive testing while security scan is intrusive testing
  - Human Criticality Index can be fixed for website
- 
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# VM-IP(Vulnerability Monitoring IP)

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- Identification, quantification, and prioritisation of vulnerabilities
  - Security scans of external IP addresses
  - Charts for easy human interpretations
  - Delta reporting of vulnerabilities (calculates difference in vulnerability reports)
  - Scanner finds vulnerabilities for CMS system
  - False positive & Ignore list for each device/server/web portal
  - Dedicated Monitoring – partner with customer to fix vulnerabilities proactively
  - Reports vetted by security researchers and cyber defense experts who are listed on Hall of Fame of firms such as Google, Microsoft, Apple and Facebook among others
  - In built Cyber Defense Access Point (allows Cyber Defense experts to manually & securely insert access point) for cloud scanning of vulnerabilities
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## DF24-Defacement monitor

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- DF24 monitors key homepage(s) for defacement and instantly raises a flag upon detection of defacements
- DF24 uses technology of word match algorithm and source code analysis. Calculating unique signature for main pages of URL, any change beyond 30% is immediately sent for review.



# Fake Mobile App Monitoring

## FMAM

- Finds Fake Mobile App using AI/ML
- Filters out the original app/false positives
- Fake mobile apps are reported to customer
  - Send Notice to app stores for removal



**SAM**

Surface Area Monitoring (anti phish, anti malware) Monitoring

**Vulnerability Monitoring**

For URI/IP

**Rogue App Monitoring**

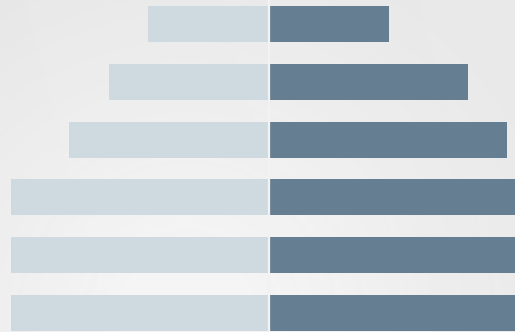
Fake Mobile app Monitoring

01

02

03

**CySecurity APT Cloud Scan**



**CySecurity WDD**

04

**NNM**

Negative News Monitoring

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**DB**

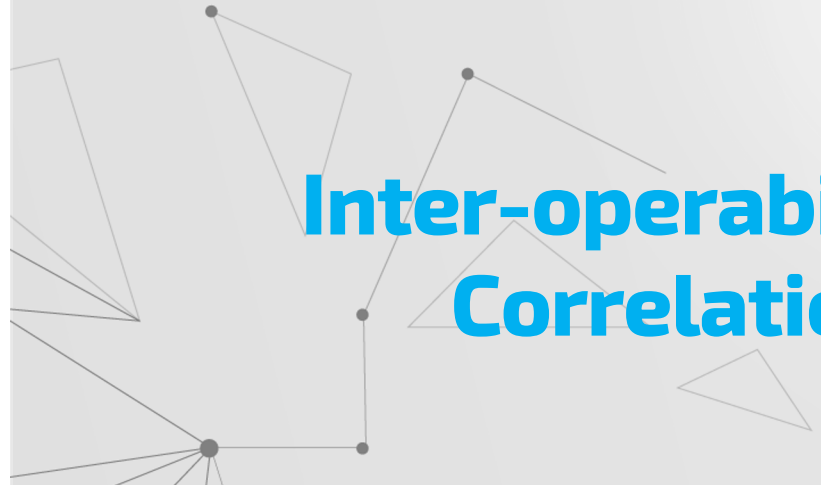
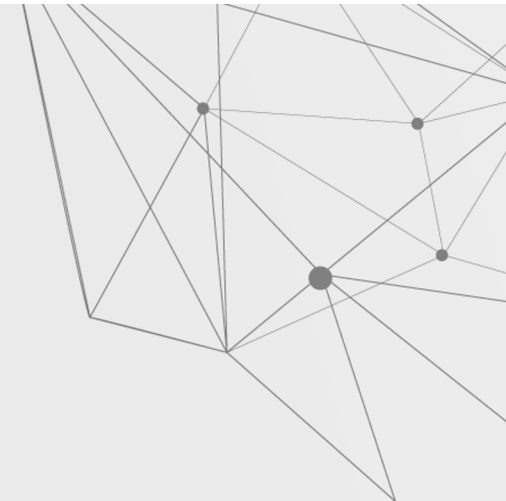
Data Breach

06

**DWM**

Dark Web Monitoring (Specific TLP red)

**Inter-operability & Correlation**





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## Thank You

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