Darktrace Antigena

Background: Computer-Speed Attacks

As cyber-attacks become increasingly sophisticated and fast, security teams struggle to keep up. Today, more and more attacks are highly automated, propagating themselves inside a network without a human driving each step of the attack. Moving at machine-speed, they outpace human teams virtually every time.

Global ransomware attacks have already demonstrated the scale that such criminal campaigns can achieve, within very short timeframes. New advancements in technology allow attackers to execute more and more highly targeted automated attacks.

In this new era of cyber security, artificial intelligence can not only detect unknown threats, but fight back against them in real time. Autonomous response is the next frontier of cyber defense – giving human security teams the vital time they need to catch up, take stock, and action further remediation if necessary.

> **Darktrace Antigena acts faster than any security practitioner could to prevent damage from attacks such as ransomware.**
>
> 451 Research

Fight Back: Darktrace Antigena

Powered by Darktrace's multi-award-winning AI, Darktrace Antigena is an autonomous response solution that takes action against in-progress cyber-threats, limiting damage and stopping their spread in real time.

The technology works like a digital antibody, intelligently generating measured and proportionate responses when a threatening incident arises, without impacting normal business operations. This ability to contain threats as they happen using proven AI is a game-changer for security teams, who benefit from the critical time needed to catch up and avoid major damage.

Bridging the gap between automated threat detection and a security team's response, Darktrace Antigena represents a new era of cyber defense that autonomously fights back.

Antigena Key Benefits

Highly Targeted

Darktrace Antigena is highly targeted and surgical in its actions, neutralizing threats by enforcing an organization's normal 'pattern of life'. This means that it does not disrupt day-to-day business activity, instead working behind the scenes to proactively protect your business.

Buys Your Team Time to Catch Up

Darktrace Antigena's ability to contain in-progress attacks at an early stage, before they have time to cause damage, keeps the business protected even when security teams are between shifts or out of office. On average, Antigena responds to threats within 2 seconds and blocks 7 threats every minute.

A Self-Defending Digital Business

Darktrace Antigena is the technology that powers the self-defending digital business, working across IT and OT environments, third-party cloud services, SaaS applications, and email. Antigena's autonomous actions save an average of 10 hours a week per security analyst.

Proven to Protect

Hundreds of organizations rely on Darktrace Antigena to take targeted, real-time actions in response to significant cyber-threats.

By enforcing an organization's normal 'pattern of life,' Darktrace Antigena generates and executes actions to stop in-progress ransomware and insider threat, compliance breaches, malware, and other threats, saving the security team valuable time in triaging and responding to threat alerts.

" Antigena defends against fast-moving and unpredictable threats, before they do damage. "

- Milton Keynes NHS Trust

" Darktrace Antigena allows my team to spend its time where it is really needed. "

- Campari

Unmatched Speed

Responds within 2 seconds

Unrivaled Defense

7 threats blocked every minute

Boosts Productivity

10 hours a week saved per security analyst

Get Started with Antigena

Darktrace Antigena is customizable and controllable, allowing customers to stay in the driving seat, and transition to a fuller use of AI in their enterprise. The system can be configured in one of two modes to allow for varying degrees of automation:

- **Trust-Building Mode: Human Confirmation**
  In this mode, Darktrace Antigena generates responses which must be validated by the security team before action is taken. This allows you to build confidence in Antigena's decision-making before switching to Active Mode.

- **Active Mode: Self-Defending Digital Business**
  In Active Mode, Darktrace Antigena is fully autonomous, meaning that a serious threat may be instantly contained without a security analyst needing to log on. The system acts within the operating parameters that you define, and an alert is generated to indicate the action taken.

Antigena Network

Antigena Network performs autonomous response within the network, including in virtualized and cloud environments.

Antigena Email

Antigena Email introduces intelligent autonomous response into the flow of inbound and outbound email traffic.

Contact Us

North America: +1 (415) 229 9100

Latin America: +55 (11) 97242 2011

Europe: +44 (0) 1223 394 100

Asia Pacific: +65 6804 5010

info@darktrace.com