DARKTRACE

Darktrace Antigena Email — Cyber Catalyst 2020 Designation

Antigena Email is a self-learning technology that neutralizes targeted email campaigns and impersonation attacks that evade an organization's email gateway. Powered by Darktrace's core AI, Antigena Email technology "understands the human" in the context of dynamic relationships and communication patterns. This enables the system to intelligently determine whether a given email meaningfully deviates from normal interactions between sender, recipient, and the wider organization, instantly revealing the subtle signs of a novel threat.

Advanced email attacks that leverage social engineering, fresh domains, compromised accounts, and novel strains of malware routinely get past static email defenses, which apply preset rules or rely on blacklists of "known bad" domains and IP addresses. These defenses can only detect historical attack techniques that get reused in the future, and therefore can't anticipate novel types of attacks.

Antigena Email takes a more nuanced approach, asking not whether an incoming email or associated element or technique has been observed historically, but crucially whether the email belongs – right here, right now, in the context of the normal "patterns of life" of dynamic human behaviors and relationships.

It does this through self-learning artificial intelligence, updating itself continuously as the business and workforce evolve. It neutralizes targeted email attacks by learning "normal" patterns of behavior in email traffic, and spotting subtle deviations indicative of a threat. By analyzing inbound, outbound, and lateral email traffic, the technology learns normal "on the job" without relying on rules, blacklists, whitelists, signatures, historical attack data, or prior assumptions of any kind. This self-learning approach differentiates Antigena Email and enables it to catch targeted emails attacks such as advanced spear phishing, Business Email Compromise, social engineering, spoofing and solicitation, supply chain account takeover, and outbound data loss detection.

Antigena Email is cloud native and can be installed in minutes. It is suitable for any size or type of organization and facilitates hands-off oversight by the security and/or IT team. A high-level risk dashboard also presents trends over time and furnishes an at-a-glance overview for non-technical executives.

Product information provided by Darktrace

For more information about Darktrace Antigena Email, visit https://www.darktrace.com/en/products/antigena-email/

Why Darktrace Antigena Email is a 2020 Cyber Catalyst Designated Solution

ADDRESSES A TOP 5 CYBER RISK:

The 2020 program encouraged the submission of solutions that targeted the top five cyber risks identified by participating insurers: ransomware, supply chain/vendor management, cloud migration/management, social engineering, and privacy regulation/data management.

Darktrace Antigena Email specifically targets social engineering, but also has wider utility and applicability in addressing other types of cyber risk.

INSURER RATINGS AND COMMENTARY:

Cyber Catalyst participating insurers rated Darktrace Antigena Email highest on the criteria of cyber risk reduction, flexibility, and efficiency.

In their evaluation, the insurers commented:

- "A very novel context-based approach that asks not whether an incoming email is malicious but crucially whether it belongs – clearly valuable for organizations."

- "In terms of email security, this seems to be one of the best. Clean user interface and of great assistance for large attack vectors that could cause loss. Platform apparently requires minimal monitoring and intervention, and presumably becomes more useful with increasing use."

- "This is a good email solution to help detect and highlight anomalous behavior, reduce the risk of fraud, and prevent phishing and other email-based attacks that could gain a foothold into the organization."

Insurance Policies and Implementation Principle

Organizations that adopt Cyber Catalyst designated solutions may be considered for enhanced terms and conditions on individually negotiated cyber insurance policies with participating insurers.

Those insurers, when considering potential policy enhancements, will expect organizations to deploy Cyber Catalyst designated products and services in accordance with certain "implementation principles" that have been developed by the insurers and product vendors.

The implementation principle for Darktrace Antigena Email is:

- The product is deployed on 100% of email domains.

Evaluation Process

Applications for evaluation of cybersecurity products and services were accepted from March 10 to May 15, 2020. More than 90 offerings, spanning a broad range of categories, were submitted.

The insurers evaluated eligible solutions along six criteria:

1. Reduction of cyber risk.

2. Key performance metrics.

3. Viability.

4. Efficiency.

5. Flexibility.

6. Differentiation.

Cyber Catalyst designation was awarded to solutions receiving positive votes from at least six of the eight insurers, which voted independently. Marsh did not participate in the Cyber Catalyst designation decisions.

More Information on Cyber Catalyst

The next Cyber Catalyst program will occur in 2021.

For more information on the 2020 Cyber Catalyst designated solutions, or the 2019 class of Cyber Catalyst solutions, visit the Cyber Catalyst pages on the Marsh website: www.marsh.com/cybercatalyst.

For more information about Marsh's cyber risk management solutions, email cyber.risk@marsh.com, visit www.marsh.com, or contact your Marsh representative.