

# Fight Ransomware With AI

As ransomware attacks become increasingly professional and pervasive, organizations continue to be caught off guard. Autonomous Response is the only technology that stops ransomware at machine speed, without disrupting normal business operations.

## Key Benefits

- ✓ Self-learning: neutralizes ransomware without relying on rules or signatures
- ✓ Identifies even novel and highly sophisticated strains of ransomware
- ✓ Autonomously responds to contain the threat in seconds
- ✓ Stops only malicious activity without business disruption



Figure 1: Darktrace Antigena interrupts an unusual network scan

The sheer speed at which ransomware spreads through an organization forces security teams to take drastic and heavy-handed action to stop the threat – often with broad-ranging and serious implications.

As digital infrastructures become more interconnected, the knock-on effects of ransomware will continue to worsen. It's time to shift to a proportionate response strategy – stopping the attack while allowing your business to operate as it should.

## Proportionate Autonomous Response for Ransomware

Cyber AI is the only technology in the world that autonomously fights ransomware – without disrupting normal business operations.

It works by learning the 'patterns of life' for the organization, including its users, devices, and servers, and identifies ransomware attacks within seconds as they deviate from this norm.

Critically, Cyber AI takes targeted action to neutralize the ransomware, ensuring that an organization's response is proportionate and doesn't incur damaging and unintended knock-on effects.

## Defending Critical Infrastructure

Ransomware attacks are increasingly spilling over from IT systems into OT environments, and in the face of threats specifically targeted towards industrial control systems, such as EKANS ransomware, critical infrastructure is at greater risk than ever.

The Industrial Immune System understands the connection between malicious activity in IT systems and behavior in OT systems – making it capable of stopping cyber-threats no matter where they hit an organization.

## Antigena Email: Stopping Ransomware at the Source

Many ransomware attacks are delivered via email, bypassing traditional email security which relies on rules and signatures.

With the power of Cyber AI, Antigena Email builds a deep understanding of the unique human behind the email address. It responds autonomously and proportionately to stop threats – whether that means holding back the email entirely, locking a link, or converting attachments to a harmless file type.