The Caravel Group

CARAVEL

Industry

○ Maritime, resources, and asset management

Challenge

○ Detecting never-before-seen threats at an early stage

○ Containing fast-moving attacks before they do damage

○ Gaining complete visibility across complex digital systems

○ Strained security team with limited resources

Results

○ Real-time detection of novel attacks and subtle insiders

○ Autonomous response to in-progress threats

○ 100% visibility via the Darktrace Threat Visualizer

○ Self-learning AI that adapts as the network grows

Business Background

Headquartered in Hong Kong, the Caravel Group is a diversified global conglomerate that provides maritime services, strategic asset management, and trading solutions across the industrial dry bulk value chain. The Group has three primary operating units: Caravel Maritime, Caravel Asset Management, and Caravel Resources.

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Darktrace's Enterprise Immune System is the only solution on the market that can detect and respond to never-before-seen threats in real time.

Angad Banga, Chief Operating Officer, The Caravel Group

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Challenge

As cyber-threats gain in speed and severity, the Caravel Group recognized the importance of cultivating an adaptive and resilient security posture that can keep pace with a rapidly evolving threat landscape. While the security team had already deployed an array of solutions designed to detect known threats, it was acutely aware that this approach was no longer sufficient, especially given the increasing frequency of never-before-seen threats in the wild, and the limited resources it had to continually maintain solutions that rely on rules and signatures.

"We knew that adopting a traditional approach to security was simply not enough," commented Angad Banga, Chief Operating Officer. "We needed a tool that could not only protect us against known threats, but also autonomously fight back against external attacks and insider threats that have never been seen before." With these concerns in mind, the Caravel Group was determined to deploy a cyber AI solution that can autonomously detect and respond to novel threats at an early stage, before they have time to disrupt critical operations or exfiltrate sensitive data.

Solution

After a thorough review of the market, the Caravel Group deployed Darktrace's Enterprise Immune System, which installed in under an hour and immediately started learning the normal 'pattern of life' for every user and device in the business. By continuously learning and adapting its understanding of 'normal' in light of new evidence, Darktrace's cyber AI can detect never-before-seen threats that would otherwise go unnoticed.

"The Enterprise Immune System immediately notified us of cyber-threats that our other tools missed," commented Banga. "Darktrace's AI has enabled us to rapidly investigate threats before they have time to escalate into a crisis."

The Caravel Group subsequently deployed Darktrace Antigena, Darktrace's autonomous response solution. By enforcing the normal 'pattern of life' for a given user or device, Antigena works by taking surgical, measured action to contain in-progress threats, limiting damage and stopping their spread in real time. "With Antigena defending our network around the clock, we can finally prioritize strategically important activities while Darktrace's AI works in the background to contain the threats that get through," commented Banga.

Benefits

With Darktrace AI deployed across its entire digital enterprise, the Caravel Group now has 24/7 autonomous protection against advanced cyber-threats. And through Darktrace's Threat Visualizer, the security team has complete visibility of every user and device in the business.

A wealth of information can be variously queried and exposed using the interactive features within the Threat Visualizer, including a dynamic dashboard where users can filter threats based on their level of criticality, and an interactive play-back tool that lets users investigate a given threat before, during, and after the incident occurred. By delivering these critical insights in real time, the Threat Visualizer has become an essential part of the Caravel Group's security strategy.

"Darktrace provides us with actionable intelligence in a few clicks and can identify legitimate threats amid the noise of our complex digital business," remarked Banga. "With Darktrace, our security team and executives can be confident that cyber-threats that get past the perimeter will be identified and contained before they do damage."

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> **Chief Operating Officer, The Caravel Group**