



# Darktrace PREVENT/ Attack Surface Management

## THE IMPORTANCE OF DEFENDING

### YOUR ATTACK SURFACE

As digital transformation leads to bigger and more complex IT infrastructure, with assets increasingly hosted by cloud providers and organizations more reliant on third-party technology vendors, attack surface management has become considerably more challenging.

High-impact attacks are becoming more frequent, with threat actors using more automation, targeting shadow IT, and leveraging new techniques. Meanwhile, regulations dictate to what standards organizations must set up their security – and mandate security reports on IT governance.

Red Team security testing is typically done by the scarce individuals able to create cyber-attacks as a testing ground. It's a costly process that's limited in scope and imperfect in results.

## ATTACK SURFACE MANAGEMENT

Darktrace Attack Surface Management continuously monitors your external attack surface, assessing all your assets for risks, high-impact vulnerabilities and external threats. This 'outside in' perspective of your organization – which is how an attacker sees your business – allows you to identify potential threats before an attack takes place, and proactively manage risks.

Feeding insights directly into Darktrace's DETECT and RESPOND components, Darktrace Attack Surface Management hardens your existing defenses and makes life more difficult for any attacker targeting your organization.

### ZERO-SCOPE

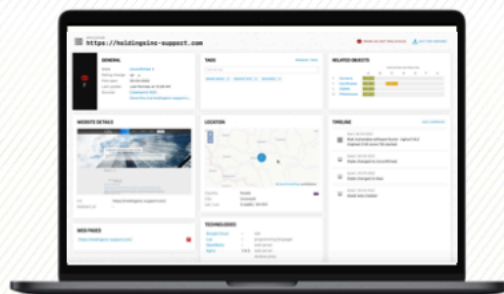
No IP ranges or any other technical input required upon set-up – just your brand name is needed. This zero-touch approach ensures that nothing is missed.

### CONTINUOUS

Rather than providing a single point-in-time 'snapshot', Darktrace Attack Surface Management continuously updates its findings in light of new evidence, illuminating emerging threats as soon as they appear.

### HARDENS DEFENSES

Darktrace Attack Surface Management feeds data into Darktrace's continuous Cyber AI Loop, bringing more context to what it already knows, and hardening your defenses.



ON AVERAGE, WE FIND 30-50% MORE ASSETS THAN THOSE INITIALLY KNOWN TO THE ORGANIZATION

## BUSINESS BENEFITS

### PREVENT INCIDENTS

Continuous insights help eliminate blind spots and detect risks.

### SAVE COSTS

Attack prevention is cheaper than incident response.

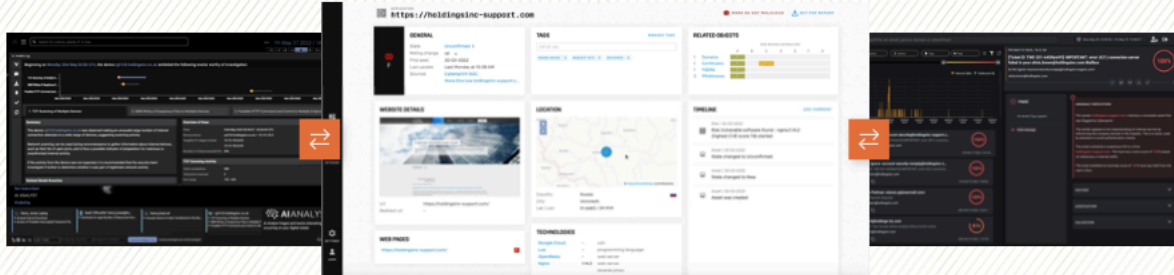
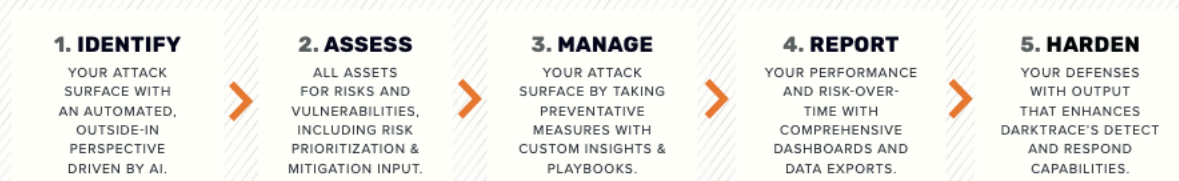
### IMPROVE PRODUCTIVITY

Automation of manual tasks, data operations, and alerts allows for better resource placement and prioritisation.

### STAY COMPLIANT

Abide by regulatory requirements set by authorities and industry-specific policies.

## AN END-TO-END PLATFORM



## KEY USE CASES

### Shadow IT

- > Discover IT environments unknown to IT and security teams

### Supply Chain Risk

- > Monitor your assets hosted by cloud providers and other third parties

### Brand Abuse & Phishing

- > Identify spoofing domains and accounts

### Vulnerability & Risk Assessment

- > Find vulnerabilities in your attack surface

### Misconfigurations

- > Check server and encryption configurations and identify open database APIs

### Mergers & Acquisitions

- > Discover the attack surface risks related to new subsidiaries

## DARKTRACE PREVENT

Attack Surface Management forms part of the Darktrace PREVENT product family. Powered by Self-Learning AI, Darktrace PREVENT delivers total visibility into every digital asset, eliminates blindspots, and hardens defenses, minimizing cyber risk to the organization.

Our PREVENT family of products also deliver continuous AI-driven insights from an internal perspective, testing pathways of vulnerability and then shoring up defenses to prevent attackers from reaching vital systems and data.

## ABOUT DARKTRACE

Darktrace (DARK.L), a global leader in cyber security AI, delivers world-class technology that protects over 6,800 customers worldwide from advanced threats, including ransomware and cloud and SaaS attacks. Darktrace's fundamentally different approach applies Self-Learning AI to enable machines to understand the business in order to autonomously defend it. Headquartered in Cambridge, UK, Darktrace has more than 2,000 employees worldwide. Darktrace was named one of TIME magazine's 'Most Influential Companies' for 2021.

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