

# THE WORLD LEADER IN CYBER AI

**Founded in 2013 by mathematicians from the University of Cambridge and government cyber intelligence experts, Darktrace's Enterprise Immune System uses machine learning and AI algorithms to detect and respond to cyber-threats across every user, network and device, including cloud and virtualised networks, IoT and industrial control systems. The technology is self-learning, requires no set-up, provides 100% network visibility, identifies threats in real time, including zero-days, insiders and stealthy, silent attackers.**

## Enterprise Immune System

Darktrace's award-winning Enterprise Immune System technology is uniquely capable of detecting and responding to the most subtle cyber-threats within the network. Powered by advanced machine learning and mathematics, the Enterprise Immune System automatically and adaptively learns the 'pattern of life' for every user, device and network, in order to detect emerging behaviors that represent real threats. This self-learning technology provides corporations with comprehensive visibility into their networks' activity, allowing them to proactively respond to threats and mitigate risk.

## 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 defence that autonomously fights back.

## Darktrace Capabilities

- Detects emerging anomalies within the network
- Fights back against threats in real time
- Works in cloud, virtualised environments, and with Industrial Control Systems
- Installs in one hour
- Scalable to over a million devices
- Delivers value from day one

## Key Benefits

### Learn on the Job

Continually learns and adapts its understanding of 'normal' in light of new evidence.

### Understands Your Entire Business

Works across on-premise network, data center, virtualised environment, cloud, SaaS, Industrial control systems.

### 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.

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“ As the threat landscape continues to evolve, organisations today face unpredictable challenges, security risks & tighter compliance regulations. As part of our value add, Bytes Software Services are always researching for technology which can not only increase the security posture for customers but can help simplify and automate. Darktrace ticks all of the boxes for us! Their Enterprise Immune system represents a new and effective approach to Cyber Security which provides 100% network visibility, real-time anomaly detection and response across all platforms and infrastructure.

**Luke Kiernan, Security Business Development Manager at Bytes**

## Darktrace Proof of Value

Darktrace offers you the opportunity to evaluate the power and benefits of Darktrace's award-winning cyber AI technology, at no charge to your enterprise.

A Darktrace Proof of Value (POV) is a 30-day trial designed to demonstrate the Enterprise Immune System in action, within the context of your unique digital environment. The POV also gives you the opportunity to see your network visualised through the Threat Visualizer, Darktrace's 3D visibility, detection and investigation user interface. A dedicated Account Executive and Cyber Technologist will guide you through the POV experience.



## POV Benefits



### Detect Threats You Didn't Know About

Darktrace quickly forms an evolving understanding of the 'pattern of life' of your network. It will automatically detect threats and anomalous behaviours that would otherwise go undetected by legacy security products.



### 100% Visibility

As part of the POV, Darktrace provides you with complete visibility of the network it is deployed in, allowing you to better understand your digital estate. With access to the Threat Visualizer, you can also visualised, investigate, and play back cyber-threats or incidents.



### Threat Intelligence Reports (TIRs)

As well as access to the Threat Visualizer, you will receive three Threat Intelligence Reports (TIR) during a Darktrace POV. Produced by Darktrace's world-class Cyber Analyst team, the TIRs summarise and assess the discoveries made each week of the POV, and help your teams and executives understand and evaluate your organisation's current threat level, and assist with decision-making.

Take advantage of **Darktrace**:

Contact your Bytes account manager today for more details

[tellmemore@bytes.co.uk](mailto:tellmemore@bytes.co.uk) | 01372 418500 | [bytes.co.uk](https://bytes.co.uk)

