

Darktrace + Ixia: Cyber AI for a Lasting Security Advantage

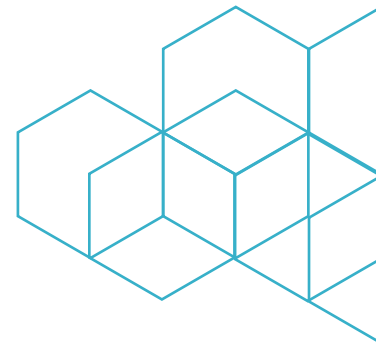
Thousands of customers worldwide rely on Darktrace and Ixia to strengthen their security posture and augment incident response across hybrid networks and clouds—and you can too. Our joint solution supercharges your cyber defense strategy with a powerful and lasting advantage amidst today’s ever-evolving threat landscape.

Darktrace’s Enterprise Immune System uses advanced, proprietary artificial intelligence (AI) to deliver real-time threat detection and Autonomous Response across diverse digital environments. Ixia’s network visibility solutions provide Darktrace with precisely the right data from hybrid networks and clouds for use in real-time cyber AI analysis.

DARKTRACE: A CYBER IMMUNE SYSTEM FOR THE CLOUD AND BEYOND

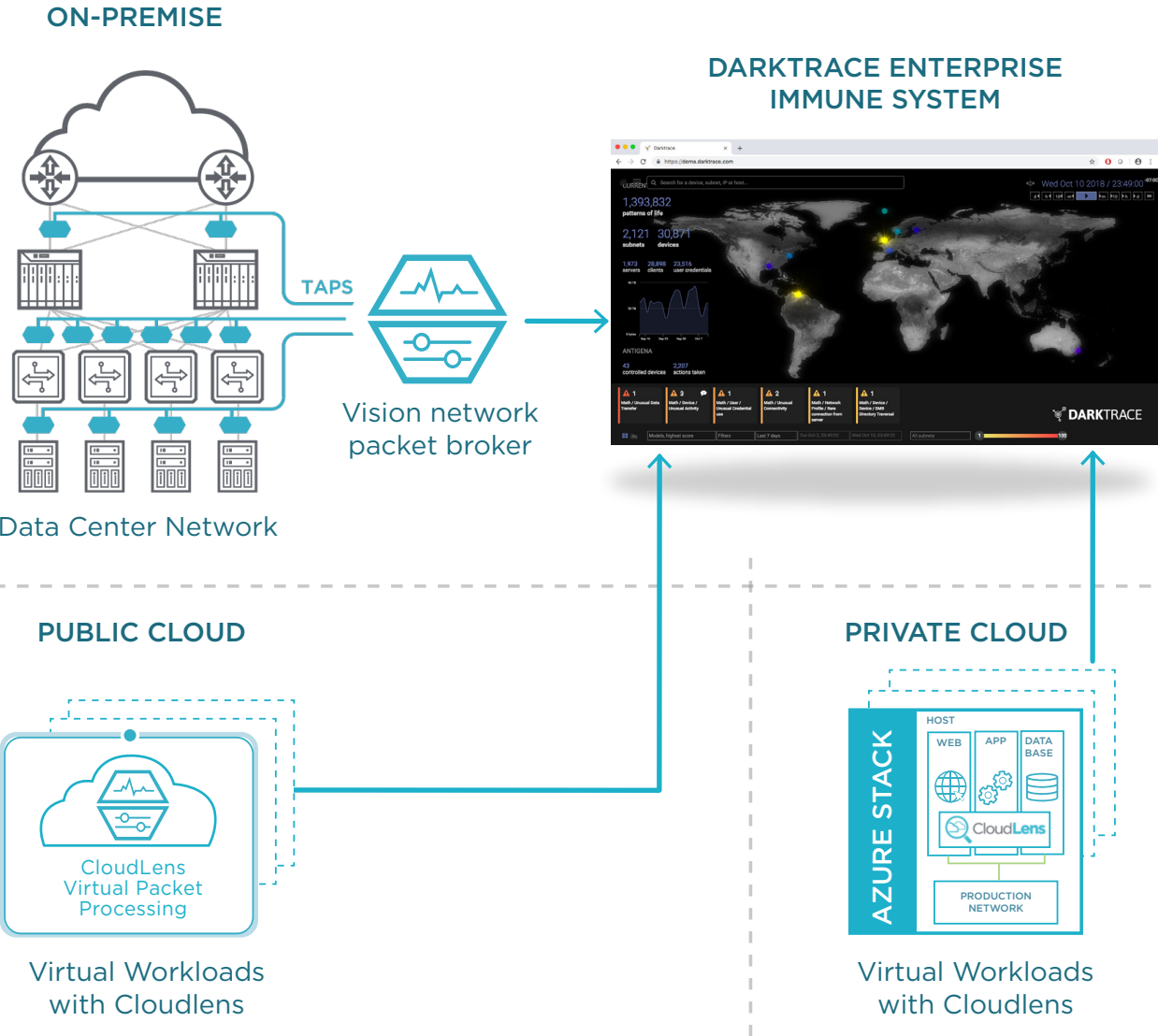
Darktrace’s Enterprise Immune System detects and responds to novel attacks and insider threats across the cloud, email, IoT, ICS, and the corporate network. Powered by artificial intelligence, the Enterprise Immune System employs self-learning technology inspired by the human immune system, continuously learning a unique “pattern of life” for every user and device to spot and stop emerging threats that other tools miss.

The Enterprise Immune System works automatically, without any prior knowledge or signatures, detecting and fighting back against subtle, stealthy attacks before they have time to escalate into a crisis.



Key benefits include:






- **Finds threats that get inside:** Darktrace's cyber AI platform uses unsupervised ML to detect and respond to novel threats and subtle insiders before they do damage, without relying on rules, signatures, or prior assumptions
- **Autonomous response** across email communications, cloud services, and the corporate network, taking surgical action to contain in-progress threats while sustaining normal operations
- **Learns 'on the job':** Darktrace continuously learns and adapts its understanding of 'normal' in light of new evidence and as your business evolves
- **100% visibility** with Darktrace's easy-to-use 3D Threat Visualizer that displays threats and provides a graphical overview of day-to-day digital activity
- **Threats contained before they spread:** Darktrace's self-learning technology fights back to contain fast-moving attacks in seconds



IXIA: DELIVER THE RIGHT DATA FROM EVERYWHERE IN YOUR HYBRID NETWORK

Ixia's intelligent visibility solutions complement the Darktrace platform with fast, easy access to all required traffic from your hybrid IT environment — networks, data centers, and private and public clouds. Network and virtual taps capture and send traffic to Ixia's Vision network packet brokers (NPBs) for advanced packet processing to speed and optimize utilization by Darktrace and other performance and security monitoring solutions.

Vision NPBs deliver pre-processed data to Darktrace for real-time analysis. Highlights include:

	COMPLETE, EASY ACCESS	Vision NPBs aggregate and process traffic from multiple taps (or SPAN ports used to access data) placed throughout your network
	BETTER USE OF BANDWIDTH AND ANALYTICS RESOURCES	Vision filters out unwanted data (duplicates, unnecessary packets and headers, etc.) before sending it to Darktrace and load balances traffic across multiple monitoring solutions to extend their use and value
	SEAMLESS INTEGRATION	Ixia's intuitive user interface (UI) and automation capabilities integrate seamlessly with Darktrace's cyber AI platform
	ACTIVE SSL DECRYPTION	To speed analysis of decrypted traffic
	COMPLETE VISIBILITY	Into east-west traffic in virtual environments

The joint solution delivers complete visibility of hidden and unknown cyber-threats across your entire digital infrastructure. Advanced intelligence and automation enable simplified deployment in any network environment with additional 1G, 10G, 40G, or 100G ports added easily as the business scales.

EXTENDING VISIBILITY TO THE CLOUD

Whether you are operating workloads in a public, private, or hybrid environment, packet-level data visibility is a must. Ixia's CloudLens visibility platform delivers deep visibility for access to packet data in any cloud environment. CloudLens solutions enable cloud-only and cloud-first strategies while addressing the complexities of today's multi-cloud and hybrid environment.

Highlights include:

- An easy, pay-as-you-go pricing model
- Easy, highly automated configuration and troubleshooting
- Public cloud visibility that auto-scales as instances are created and destroyed
- Visibility into inter-VM “east-west” traffic

ABOUT DARKTRACE

Darktrace is the world’s leading cyber AI company and the creator of Autonomous Response technology. Its self-learning AI is modeled on the human immune system and used by over 3,000 organizations to protect against threats to the cloud, email, IoT, networks and industrial systems. This includes insider threat, industrial espionage, IoT compromises, zero-day malware, data loss, supply chain risk and long-term infrastructure vulnerabilities.

The company has over 1,000 employees, 40 offices and headquarters in San Francisco and Cambridge, UK. Every 3 seconds, Darktrace AI fights back against a cyber-threat, preventing it from causing damage.



Learn more at: www.ixiacom.com

For more information on Ixia products, applications, or services, please contact your local Ixia or Keysight Technologies office.

The complete list is available at: www.ixiacom.com/contact/info