

The Gold Standard of Enterprise Defense: Inside Yahoo's Hybrid Security Transformation with SentinelOne



CUSTOMER

Yahoo



INDUSTRY

Technology / Media



COUNTRY

USA

Yahoo operates one of the world's largest digital ecosystems, supporting hundreds of millions of users worldwide. Yahoo's elite security team, known as The Paranoids, deployed SentinelOne across a global hybrid environment in four months, establishing unified visibility and strengthening the team's ability to detect, investigate, and respond to threats at enterprise scale.

Challenge

Every day, The Paranoids face the immense responsibility of securing the systems and data behind a platform used by hundreds of millions of people. The Paranoids must guard every corner of this environment against persistent, highly sophisticated threat actors without introducing operational drag that slows down business innovation. As Yahoo's environment continued to evolve, The Paranoids sought a platform that could maintain comprehensive protection and visibility without introducing performance tradeoffs.



We needed one security partner that could support our entire environment. SentinelOne gives us broad coverage across all of it, and when we tested it with simulated attacks, it outperformed the other options.

Sean Zadig, CISO and Chief Paranoid

Solution

Yahoo unified its hybrid environment on a single security platform with SentinelOne. After SentinelOne outperformed competing solutions in simulated attacks conducted by Yahoo's internal red team, the company deployed Singularity Endpoint and Singularity Cloud across 400,000 endpoints. Through Flex, Yahoo also expanded into Purple AI, Hyperautomation, and Data Pipelines, gaining unified visibility, AI-driven investigations, and the flexibility to evolve its security program.

Results

Yahoo deployed to all endpoints in four months with zero coverage gaps and reduced forensic data collection from days to minutes. Analysts now investigate threats faster with Purple AI, while Flex enables the team to adopt new platform capabilities without procurement delays. Together, the platform has strengthened visibility, accelerated response, and reinforced trust across Yahoo's global hybrid environment.

For 30 years and counting, Yahoo has served as a trusted guide for hundreds of millions of people globally, helping them achieve their goals big and small online through our portfolio of iconic products. For advertisers, Yahoo offers omnichannel solutions and powerful data to engage with our brands and deliver results.

400,000

Endpoint deployment in 4 months

Zero

Coverage gaps during deployment

Days → Minutes

Forensic investigation and data collection



PRODUCTS & SERVICES

Singularity

- Endpoint
- Cloud

Purple AI

Flex
Technical Account Manager

[Learn More →](#)