

Protecting the Telecommunications Industry

Customer challenges

A multinational telecommunications and internet corporation with annual revenue in the billions of dollars faced unique challenges.

- Protecting a diverse product portfolio, including mobile communication, fixed-line communication, and Internet connection services.
- Securely storing customer data and protecting intellectual property.
- Suspicions that a breach had occurred but an inability to verify the hunch.

The situation before

Lack of visibility

- The security team could not find substantial evidence to confirm their suspicions that a major hack had occurred.

Poor detection

- Whitelisting practices in place allowed legitimate processes to be used by attackers as a means to infiltrate their system.

Inability to respond

- The team spent countless hours hunting with no results and didn't have tools capable of identifying what they suspected was going on.

The situation after

Broad visibility

- Gained visibility and correlation of data across 500,000+ endpoints and multiple business units

Improved detection

- 24 hours after deployment, Cybereason detected and shut down a sophisticated APT attack that had been moving through their system for at least a year
- Quickly discovered that the attackers were using legitimate Microsoft OS tools for malicious activities

Full context of events

- Rolled out a remediation plan and eradicated the APT in <10 hours

Why Cybereason


Data correlation provides
superior detection
over competitors

Deploys with a
light footprint
to minimize disruption

Offers
flexibility
of cloud-based or on-prem

The customer decision process

- Customer thought they were the target of attacks, but didn't have the evidence to confirm their suspicions that a major hack had occurred.
- Ran a POC with Cybereason, deploying across tens of thousands of endpoints in just a few hours.
- During the POC, Cybereason detected a sophisticated APT attack that had been in their system and actively advancing for more than a year.
- The customer quickly decided to deploy Cybereason across all endpoints.



“Cybereason significantly reduced our security costs. What makes Cybereason stand out above the competition is its approach, which leverages machine learning and behavioral analytics to detect and thwart even the most advanced cyber threats.”

-CISO, Global Telecommunications Company