

Advanced Corporate Data Protection



How a high-volume Oil & Gas company strengthened its information security and eliminated the risk of data exfiltration

OVERVIEW

In an increasingly digital business environment, where thousands of transactions are processed daily, data protection has become one of the cornerstones of business continuity, ensuring regulatory compliance and maintaining customer trust.

With critical operations dependent on the constant flow of sensitive information, the organization recognized the need to evolve its security strategy to address modern challenges related to internal threats, data breaches, and the misuse of corporate data.

To address this challenge, the Cyberhaven platform was implemented, enabling a new level of visibility, control, and protection for the company's information assets.

CHALLENGE

The organization generates large volumes of financial, operational, and commercial data on a daily basis, which is distributed across multiple teams and systems.

Although the organization already had traditional security measures in place, there was a need to gain a deeper understanding of how data moves within the organization, identifying potential risks associated with its transfer to external applications, unauthorized devices, cloud services, or non-corporate communication channels.

The main goal was to ensure that critical information remained secure regardless of where it was created, modified, or used.



SOLUTION

The implementation of Cyberhaven introduced an innovative approach to protection based on tracking and contextualizing data throughout its entire lifecycle.

The solution made it possible to:

- ✓ Continuously monitor the movement of sensitive data;
- ✓ Identify risky behaviors in real time;
- ✓ Implement smart policies to prevent data exfiltration;
- ✓ Block unauthorized transfers to external applications or unapproved destinations;
- ✓ Gain complete visibility into the source, use, and destination of corporate data;
- ✓ Significantly reduce the risks associated with internal threats and human error.

Unlike conventional approaches that focus solely on static file classification, Cyberhaven makes it possible to track the context and lineage of data, enabling more accurate and effective security decisions.

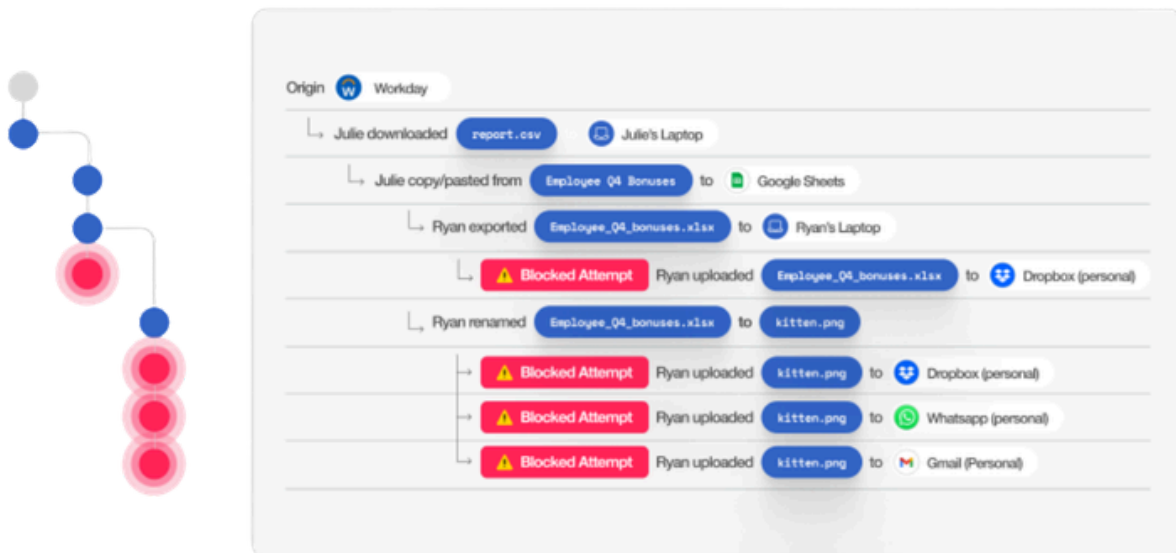
BENEFITS ACHIEVED

Full Data Visibility

The organization now has a detailed view of how information flows between users, applications, and systems, enabling it to quickly identify potential vulnerabilities.

Protection Against Data Leaks

Automated mechanisms have been implemented to prevent the unauthorized transfer of confidential data to personal cloud services, file-sharing applications, external devices, and unauthorized channels.



Human Risk Reduction

The solution helped mitigate one of the main risk factors in any organization: unintentional user errors. Intelligent alerts and automated controls significantly reduced the likelihood of accidental data leaks.

Greater Operational Efficiency

The security team now has access to contextualized and actionable information, reducing the time needed to investigate incidents and enabling a faster response to potential threats.

Compliance and Governance

The implementation strengthened compliance, audit, and data protection requirements, contributing to more robust management of the company's information assets.

IMPACT ON THE BUSINESS

With Cyberhaven, the organization transformed its approach to data security, shifting from a reactive model to a proactive strategy based on contextual intelligence.

Managers' confidence in information security has increased significantly, enabling teams to continue working productively and collaboratively without compromising the security of corporate data.

The company is now able to operate with greater peace of mind, knowing that its most valuable assets namely, its customers' information and data are protected against attempts at data exfiltration, misuse, and unauthorized disclosure.

CONCLUSION

The implementation of Cyberhaven represented a strategic step in the evolution of the organization's cybersecurity maturity. The ability to understand, track, and protect data throughout its entire lifecycle has made it possible to reduce risks, strengthen governance, and ensure the secure continuity of operations.

Today, the company has a modern data protection platform that keeps pace with the business, ensuring that critical information remains protected wherever it is and regardless of how it is used.

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