# Heimdal

# Ransomware Encryption Protection

Heimdal offers an end-to-end, proactive, unified cybersecurity suite built to defend against next-gen threats. Its unique, multi-layered approach provides comprehensive protection through a fully integrated network and endpoint protection suite.

## Key features

- Secures endpoints and networks against advanced ransomware encryption attempts

- Advanced event logging (MD5, PID, read events, write events, threats, process dial-backs, digital signature, machine ID, username, owner, and CVE classification)

- Extends and enhances the functionality of existing antivirus

- Detects ransomware regardless of signature, identifying the origin and system path

- Integrates with cloud services like Microsoft, Amazon, Citrix, OneDrive, SharePoint, and Teams

- Universal compatibility with any cybersecurity solution, including antivirus and EDR

Heimdal is the only vendor in the market with an offering that combines next-generation antivirus, DNS-level traffic filtering on the endpoint, silent, automated third-party patch management, privileged access management, email security, and a managed service in one platform.

## Why Heimdal Ransomware Encryption Protection?



Heimdal Ransomware Encryption Protection (REP) delivers signature-free ransomware detection and remediation that works alongside any antivirus. It identifies file-based and fileless ransomware, providing real-time threat prevention without replacing existing tools. Heimdal REP's advanced event logging and detailed reports give teams complete insight into attack origins and system paths. Its allowlist/blocklist features enable precise control, while graphical representations make tracking remediations easier. Universal compatibility enhances current cybersecurity setups, offering a robust defence against ransomware threats.
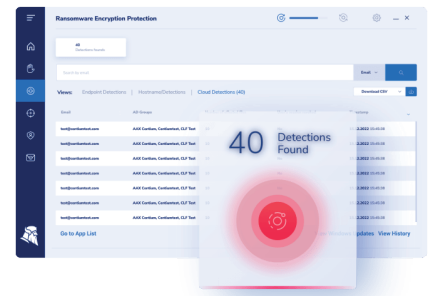
## Challenges Heimdal Ransomware Encryption Protection solves

Heimdal REP solves the issue of detecting ransomware that bypasses traditional signature-based defences. MSPs can stop fileless and kernel-level attacks while benefiting from comprehensive event logging that tracks attack origins, reducing response time and simplifying investigations. With seamless integration into any environment and taking a zero-trust approach, Heimdal REP is a final layer of protection against encryptions and the most efficient line of defence against total data loss and exfiltration.