



SOLUTION BRIEF

End-to-End Protection Against Ransomware

Prevention, detection, and recovery designed for mission-critical applications

Ransomware and cyberthreats compromise organizations through a growing number of avenues, inflicting a wide range of damage. One of the biggest drivers behind the rise? Ransomware-as-a-Service (RaaS). RaaS allows developers to sell their services using subscription models for plug-and-play ransomware. Cyberattacks are a big business with evolving ways to capitalize on the crime. Enterprises need an end-to-end strategy to protect their mission-critical applications and prevent, detect, and recover from attacks.

Protecting What Matters Most

Zerto, a Hewlett Packard Enterprise company, and Fortinet are collaborating in a fresh new way to deliver increased value to enterprises. We know that acquiring technology is only the first step in achieving a business goal. The technology pieces need to work together and supply rich functionality, quickly and effectively, so you can concentrate on your business needs.

With a focus on mission-critical applications that cannot tolerate disruption or downtime, Zerto and Fortinet are working side by side to provide best-of-breed prevention and recovery from any cyberthreat or ransomware compromise across physical, virtual, and cloud environments.

The first half
of 2022 saw a
**2X growth of
ransomware
variants.**

Fortinet Global Landscape Report,
1H 2022

Together we help businesses



Proactively Reduce Threats

Discover and control rogue devices and applications based on risk mitigation policies.



Detect and Defuse in Real Time

Automatically detect and defuse potential threats in real time—even on compromised devices.



Automate Incident Response

Use customizable contextual incident response playbooks that automate response.



Stop Attacks

Instantly stop breaches and prevent data loss and ransomware damage with no dwell time.



Act Swiftly

Enable swift and effective response and remediation while keeping systems online.



Get Back to Business

Recover mission-critical systems fast and confine data loss to a few second window.

End-to-End Strategy Aligned With NIST Framework

Zerto continuous data protection and Fortinet endpoint, detection, and response (EDR) solutions align with the NIST (National Institute of Standards and Technology) Cybersecurity Framework. This provides a comprehensive strategy to mitigate the threat and impact of a ransomware infection. Following the Framework helps organizations understand, manage, and reduce cybersecurity risks.



IDENTIFY

Continuously scan for unmanaged devices and apps and proactively minimize unprotected endpoints to reduce attack surface.



PROTECT

Leverage ML and granular security policies to protect against ransomware and zero-day malware across a broad variety of endpoints.



DETECT

Rely on behavior-based detection to identify and defuse potential threats (even fileless malware) automatically.



RESPOND

Automate response while getting intelligence-infused guidance on alerts and investigation next steps. Safely test remedies in isolated sandbox.



RECOVER

Recover using granular control and speed, with the ability to return to a safe state from seconds before an attack was executed.

FortiEDR delivers innovative endpoint security with real-time visibility, analysis, protection, and remediation. It proactively shrinks the attack surface, prevents malware infection, detects and defuses potential threats in real time, and automates response and remediation procedures with customizable playbooks as well as through third-party connectors.

When coupled with Fortinet Security Fabric, you get heightened visibility, real-time threat intelligence, and more opportunity for automated response from other Fortinet solutions and a broad ecosystem of third-party integrations.

Zerto provides a foundation for continuous data protection (CDP) which is critical to the data recovery process—and the most effective method of ransomware mitigation. Zerto CDP delivers industry-leading granular RPO and RTO and can ensure minimal data loss with pinpoint recovery.

Zerto offers the rapid maturity of a data protection and recovery solution that integrates cyber resilience, continuous data protection, and sandbox architecture that provides network isolation and enables data forensics that won't impact production.

Serving Industries



Financial Services

Modernizing banks need to digitize services without fear of disruption that could affect the bottom line. Ensure availability and access while reducing likelihood of an attack.



Healthcare

Modern digital strategies like virtual care, telemedicine, and online collaboration underscore the need for endpoint protection and recovery strategies that safeguard patient data and access to critical systems.



Public Sector

From military and defense, to local agency response and civil services, people rely on their government to deliver essential services while moving modernization efforts forward.

Get Started

For more information on how Fortinet and Zerto can help protect your data and applications, please reach out to hpesales@fortinet.com.