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Zerto

a Hewlett Packard
Enterprise company

CYBER ATTACK SURVIVAL KIT

Ransomware? **Recoverware.**

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CYBER RESILIENCE:

It's Time to Attack Your Ransomware Recovery Strategy

Ransomware...Not if, but when

Ransomware attacks have been slowly escalating for years, as hostage-takers have used malicious code to wreak havoc on private individuals and businesses alike. When it hits your business, vital data gets encrypted and recovering from the attack could cost millions in reputation and lost revenue.

So, just how prevalent have these attacks become?

Did you know that ransomware threats **increased by 300%** last year?

We continue to see companies like Travelex, the world's largest foreign exchange bureau, being attacked. The Department of Homeland Security issued a warning in 2020 for U.S. companies to "consider and assess" the possible impacts and threat of

a cyberattack on their businesses following heightened tensions with Iran. With these alarming statistics and headlines, it is no longer a matter of if your company will be attacked, but when.

Things get even scarier when you look at the cost of these attacks.

\$11.5 billion = Estimated cost of ransomware attacks (2019)

\$1.4 million = Average recovery cost/attack

It's clear: ransomware is not only growing more frequent, but more costly as well.

Given the growing inevitability of a ransomware attack, businesses can't just rely on cyber-security measures to prevent attacks—the reality is that one will eventually get through. It's not enough to just have a disaster recovery plan in place. Instead, you need to transition to a cyber-resilient approach to ensure always-on service.

CYBER RESILIENCE TO THE RESCUE

Cyber resilience is the ability to prepare for, respond to, and recover from a cyber-attack once it occurs. It requires a shift in the way you think about ransomware: from preventing attacks to being prepared for the eventuality of an attack. Becoming cyber resilient means developing a process and culture focused on resilience instead of mere prevention. You must also have a recovery solution that guarantees access to your data, without gaps or data loss, in the event of attack so your operation is back up and running without delays. This means a shift to continuous data protection (CDP).

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RECOVERING FROM RANSOMWARE IN SECONDS

How do customers use the Zerto platform to recover their systems?

View this webinar to see how Zerto, a Hewlett Packard Enterprise company, helped a customer quickly recover their systems after a malicious attack. Hear details about how they resumed operations seamlessly and learn how to transform your data protection approach.



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DATASHEETS

Ransomware: Mitigating The Threat Of Cyber Security Attacks

Cyber Resilience: Manage And Mitigate The High Cost Of Cyber Threats With Zerto

WHAT IS RANSOMWARE?

Malicious software is designed to gain access to files and encrypt data by generating a private-public pair of keys. The data is impossible to decrypt without the private key which is stored on the attacker's server until the ransom is paid.

[ACCESS DATASHEET](#)

WHAT IS CYBER RESILIENCE?

Cyber resilience is preparing for, responding and recovering from a cyberattack. It's not just about prevention anymore. Rather, it's about consistently ensuring the integrity of your critical data. Cyber resilience spans your people, process and technology.

[ACCESS DATASHEET](#)

“Most ransomware attacks can be avoided through good cyber hygiene and effective, regular data backups that are continually tested to ensure they can be restored if needed. Our recommendation is that businesses need to be proactive because the decryption keys are not always provided when ransoms are paid and being proactive is often easier and less costly than a reactive approach.”

— **Raj Samani, CTO for Europe at Intel Security**


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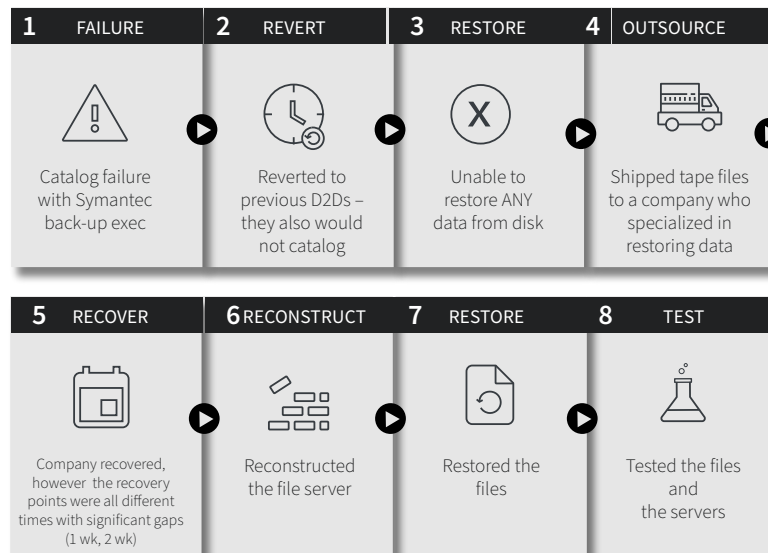

A TALE OF TWO RANSOMWARE ATTACKS

A Before and After

About Tencate: Tencate, a multinational textiles company based in the Netherlands, experienced ransomware attacks twice. The first attack occurred prior to implementing Zerto and the second one after the Zerto implementation. Their experience recovering from ransomware using backups the first time vs. Zerto the second time reveals the power of Zerto's IT Resilience Platform™ to help Tencate recover quickly.

Before

One of Tencate's manufacturing facilities was hit with CryptoLocker. All of the file servers were infected. At this point, TenCate's only recovery method was restoring from disk. As a result of this attack, TenCate experienced 12 hours of data loss and were not able to recover for two weeks.



After

Directories on a file server in a manufacturing facility were hit by a more advanced form of Cryptolocker. TenCate only experienced 10 seconds of data loss and were able to recover in under 10 minutes.



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DEMO: RANSOMWARE RECOVERY IN ACTION

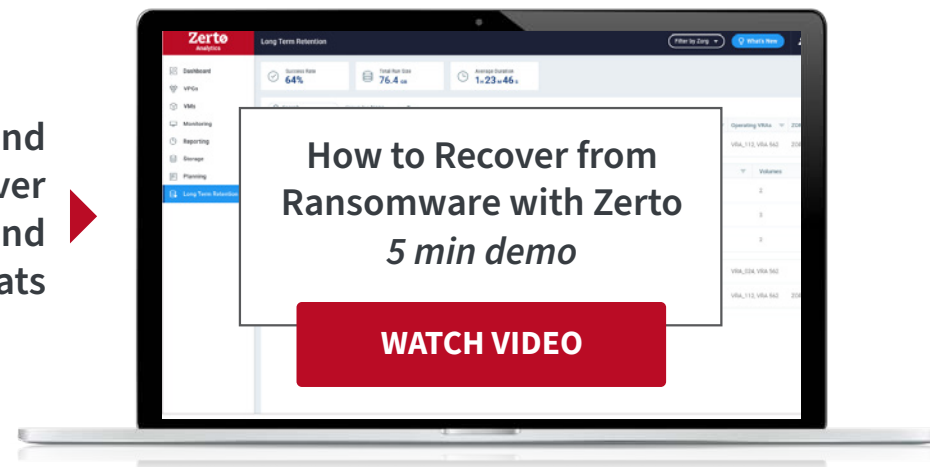
Zerto's Continuous Data Protection (CDP) keeps your data protected in real time. In only a few clicks, you can fully recover data with granularity to a point in time precisely before the attack occurred. Zerto's journal-based recovery is flexible enough to recover only what you need: be it a few files, virtual machines, or an entire application stack.

“ During our last ransomware attack, we were able to stop it within 15 minutes and be back up and running within 3 hours!

Without Zerto, we would have had to pay the ransom and we still don't know if we'd be able to get our data back. ”

— **Rubyanne O'Bryan**
Systems Administrator, ClearPath Mutual

See how quickly and easily you can recover from ransomware and other threats


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TAKE A PROACTIVE STANCE

Prevention of cyber attacks isn't always possible, but **mitigating the threat certainly is**. Zerto enables you to defend your business from the lasting effects of cyber threats, like malware or ransomware.

Forget about paying the ransom and recreating lost work. With fully automated failover and failback, you can **recover corrupt applications and data within minutes**—in only 3 clicks.

Zerto protects your systems with Continuous Data Protection, helping to **minimize data loss and downtime** in the event of a malware or ransomware attack, by allowing you to rewind and recover from any point in time—even within seconds.

Explore Cyber Resilience with Zerto

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Managing Protection with Zerto

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