



Solution: Tailored solutions provided by Zerto

Country: Netherlands (Americas region)

Industry: Textiles, Apparel & Luxury Goods

About TenCate

A multinational textiles technology company, TenCate Protective Fabrics provides fabric to emergency response, military, industry, and more. Multiple sites across the globe and a complex IT infrastructure mean TenCate needs data solutions that provide both protection and migration so it can keep making the fabrics that offer professionals safety, comfort, and confidence.

TenCate and Zerto: Keeping Firefighters, Soldiers, and Police Officers Protected

Challenges

- TenCate experienced ransomware attacks twice: once before Zerto and once after.
- After modifying its cloud strategy, TenCate needed to move from AWS to Microsoft Azure.
- TenCate needed to realign its manufacturing sites, shifting from regional to global.

Solution

- Zerto enabled TenCate to effectively protect critical virtual machines and applications from disasters and ransomware with 6-second RPOs.
- Using Zerto, TenCate successfully migrated its workloads from AWS to on-premises and then into Microsoft Azure.
- TenCate used Zerto to migrate data from its regional manufacturing sites to a horizontal global model.

Results



Improved Disaster Recovery and Ransomware protection

With Zerto, TenCate recovered from a ransomware attack in under 10 minutes with only seconds of data lost.



Optimized Cloud Strategy

TenCate successfully used Zerto to shift its hybrid cloud from AWS to Microsoft Azure.



Simplified Migration

Zerto helped TenCate migrate its data from a regional manufacturing site structure to a global model.

By Safeguarding Their IT Environment, TenCate Protects the Professionals Who Protect Us

TenCate Protective Fabrics faced significant challenges in managing its complex IT infrastructure, which created operational inefficiencies and reduced productivity. The company needed protection and migration solutions for a diverse range of VMs and applications, including virtualized databases, infrastructure VMs, and VMs hosting web applications.

Protecting Against Cyberattacks

TenCate experienced two CryptoLocker ransomware attacks, one before implementing Zerto and one after. The first attack before deploying Zerto hit a manufacturing facility, infecting all the file servers. TenCate's only recovery method at that time was to restore from disk. Ultimately, the company lost 12 hours of data and took two weeks to recover.

The second attack, occurring after TenCate partnered with Zerto, hit directories on a file server in a manufacturing facility. This time, TenCate lost only 10 seconds of data and recovered in under 10 minutes. Since then, TenCate relies on Zerto protection as well as enhanced end user training on suspicious activity to prevent further attacks.

Jayme Williams, Senior Systems Engineer for TenCate, says, "During the last attack I was kind of laughing during the recovery honestly. I KNEW I had a way out, I was confident, and my heart didn't sink. I chose a recovery point a few minutes before the infection, tested for the VM being clean and connected the vNIC – back to work. I didn't go home worried, stressed or depressed."

Disaster recovery is a whole lot easier, quicker, and a lot more user friendly. I still take on the ownership of the platform, but it's not a daily grind. Looking at my Zerto panel, the longest RPO I've got is six seconds.

Jayme Williams
Senior Systems Engineer,
TenCate Protective Fabrics

Adopting a New Cloud Strategy

Collaborating with Zerto helped TenCate shift its hybrid cloud environment from on-premises into AWS and then into Microsoft Azure. TenCate faced challenges in managing its production workloads in a complex environment. TenCate chose Zerto to address these challenges and as a result was able to effectively protect and migrate critical VMs and applications as well as ensure robust disaster recovery to the public cloud.

When TenCate made the decision to shift from AWS to Azure, it used Zerto to move workloads from AWS to on-premises, then from on-premises to Azure.

Zerto support for the Azure solution made moving to Azure an easier decision for TenCate. Williams says, "We can go with whatever public cloud we want because we have Zerto in place for business continuity and migration support. I know it works, I trust it, and I've used it. So, we weighed our options and we went down the Azure route.

Looking at my Zerto panel, the longest RPO I've got is six seconds. Without this solution, we would have to backup from yesterday, which means we lose 24 hours, plus however long it takes to get to a remote site restored, get it back the way you like it, turn it on and you're back in production. With Zerto, you click 'move' and 10-15 minutes later it's in production."

Migrating Made Easier

TenCate also enjoys simpler migrations with Zerto. The company used to operate as a regional model with each business entity together on one network. When TenCate altered its strategy to a more horizontal, global business model, the company used Zerto to break every entity off into its own domain. “We also used it when we disentangled, when everybody had to split all the VMs out into their separate business entities. We used it to port the VMs over to their infrastructure before severing ties with their domain,” said Williams.

TenCate Protective Fabrics experienced remarkable results after partnering with Zerto, witnessing a significant boost in efficiency and smooth integration of its IT infrastructure. Zerto solutions allow the company to protect and migrate data efficiently, and power their continued mission of protecting service professionals.

Learn how Zerto can help you with ransomware resilience, disaster recovery, and cloud migration.

[Learn More](#)

About Zerto

Zerto, a Hewlett Packard Enterprise company, empowers customers to run an always-on business by simplifying the protection, recovery, and mobility of on-premises and cloud applications. Zerto eliminates the risk and complexity of modernization and cloud adoption across private, public, and hybrid deployments. The simple, software-only solution uses continuous data protection at scale to solve for ransomware resilience, disaster recovery, and multi-cloud mobility. Zerto is trusted by over 9,500 customers globally and is powering offerings for Amazon, Google, IBM, Microsoft, and Oracle and more than 350 managed service providers. www.zerto.com

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