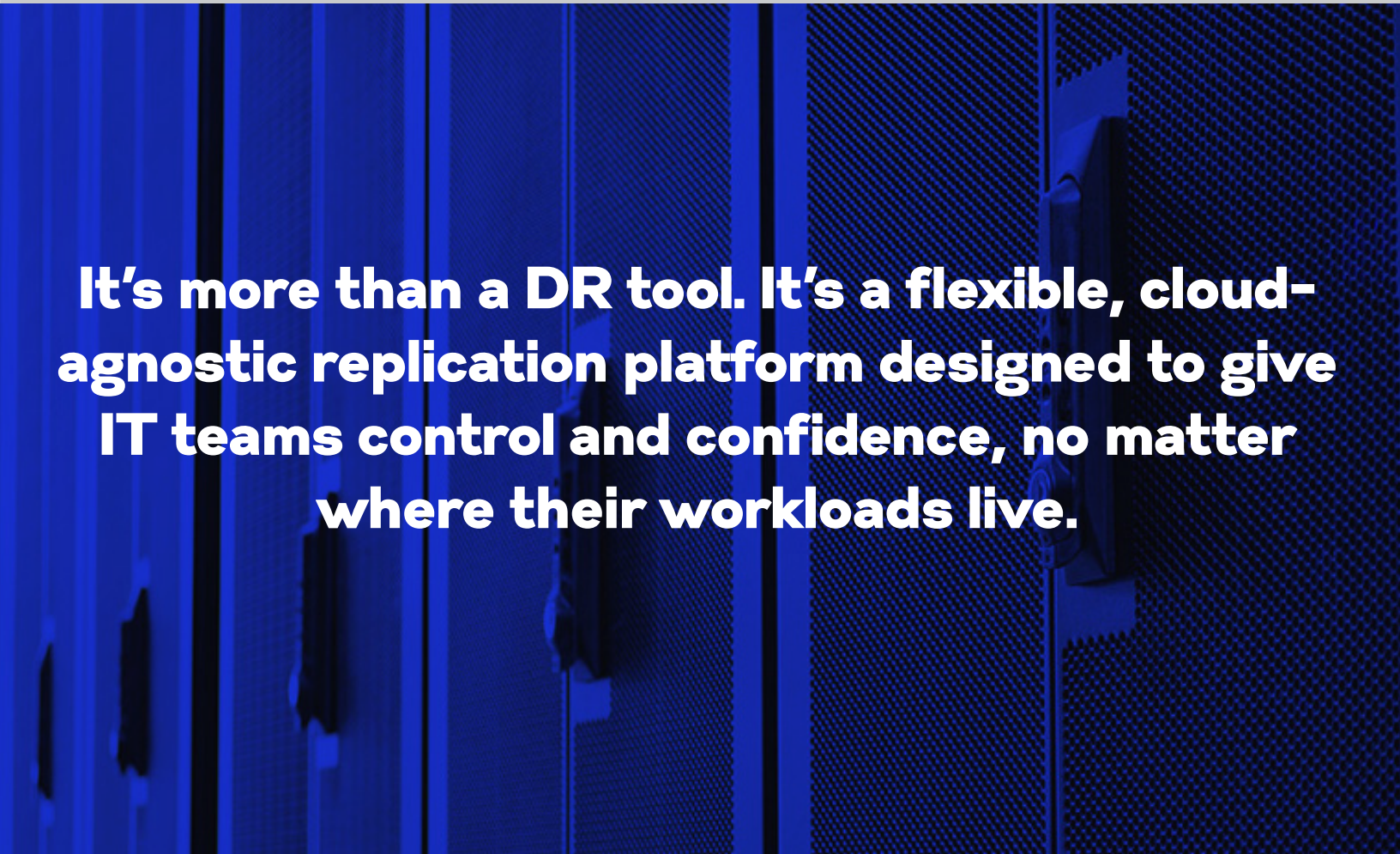

US Signal
SyncSafe
Replication
The Next Generation of Disaster Recovery.
us signal

The way organizations protect data and ensure uptime is evolving fast. Traditional disaster recovery tools were built for a different era that was defined by single data centers and simple failover plans. Today's IT environments are complex, distributed, and increasingly hybrid or multi-cloud.

Cyber threats are constant. Application dependencies are intricate. And recovery decisions require precision, not one-size-fits-all failover plans. US Signal SyncSafe Replication is built for this new reality. It's more than a DR tool. It's a flexible, cloud-agnostic replication platform designed to give IT teams control and confidence, no matter where their workloads live.





From Disaster Recovery to Resiliency

The term "disaster recovery" feels outdated. It was born in an era of natural disasters and mainframes. This was a time when you planned to fail over your entire environment in the event of a major outage.

But today, disasters rarely look like that. Most downtime stems from human error, cyberattacks, or isolated application failures. SyncSafe makes recovery smarter and more selective.

It allows you to recover a single server, application, or operating system without affecting everything else. The result is faster response, less disruption, and greater control.

The Evolution of Replication: From Hardware to Hypervisor to OS

To understand what makes SyncSafe unique, it helps to see how far replication has come.

1. SAN-to-SAN Replication

In the early days, recovery meant replicating entire storage arrays. If you had a Dell SAN, you needed another Dell SAN at the other site. It worked, but it was rigid and expensive.

2. Hypervisor-Based Replication

Then came VMware SRM and tools like Zerto. Replication moved up a layer — into the hypervisor — making it easier to replicate virtual machines without matching hardware. But it still tied organizations to specific hypervisors and platforms.

3. OS-Level Replication with SyncSafe

SyncSafe takes the next step. It lives inside the operating system itself. This independence from hardware, hypervisors, and even cloud platforms means you can replicate from anywhere to anywhere — across VMware, Nutanix, Hyper-V, or cloud environments like AWS, Azure, and US Signal OpenCloud.

How it Works

SyncSafe installs as a lightweight application that sits between the operating system and your workloads. It continuously sends active data changes to a powered-on replica server that is either on-premises, in a public cloud, or within US Signal's OpenCloud or ReliaCloud environments.

Because it operates at the OS level, SyncSafe doesn't rely on SAN controllers or hypervisor integrations. It simply keeps your data synchronized between environments, without requiring identical hardware or complex orchestration.

This enables replication in virtually any direction:

- VMware to OpenCloud
- On-prem to Nutanix
- Azure to AWS
- Physical server to virtual environment

SyncSafe's independence gives IT teams true flexibility in designing their recovery strategies.



"SyncSafe lives inside the operating system. That's how it can go from anywhere to anywhere."

– John White, COO, US Signal



Designed for a Multi-Cloud World

Modern IT environments span multiple platforms. Dev and test may live in AWS, production may run in OpenCloud, and backups may reside on-prem. SyncSafe is built for this reality.

Because it’s cloud-agnostic, it allows replication across all major hypervisors and cloud environments with a single, unified tool. There’s no need to manage separate solutions for each environment — just one platform for replication across your entire ecosystem.

“This product is focused on multi cloud. You don’t need multiple orchestrators or replication tools. It’s one platform across them all.” — John White

This makes SyncSafe particularly valuable for organizations navigating VMware licensing changes or adopting hybrid strategies where flexibility and control are critical.

Cost and Operational Efficiency

Legacy DR tools often require matching infrastructure, expensive licensing, and dedicated standby environments. SyncSafe simplifies that.

While both sites need to be powered on, the total cost is competitive — especially when paired with US Signal OpenCloud, which offers 35% to 50% lower infrastructure costs compared to major hyperscalers.

Real-world modeling shows SyncSafe pricing is typically on par with Zerto, but the multi-cloud capability and operational simplicity deliver a lower total cost of ownership.



Real-World Use Cases

1

Multi-Cloud Resiliency

A customer running workloads in Azure and OpenCloud can replicate between both environments for true multi-cloud recovery flexibility.

2

VMware Transition Planning

With licensing changes on the horizon, SyncSafe enables replication between VMware and other platforms like Nutanix or Hyper-V — reducing vendor lock-in.

3

Targeted Recovery for Cyber Events

Instead of restoring everything after ransomware, SyncSafe allows IT teams to selectively recover verified, clean systems.

4

Compliance & Cyber Insurance

Organizations needing validated recovery plans for cyber insurance can use SyncSafe for documented, testable recovery processes without excessive cost or complexity.

Shifting the Conversation: From DR to Recovery

You can still call it disaster recovery, but the truth is, SyncSafe represents something bigger. It's about resiliency, continuity, and control.

Traditional DR plans assume something catastrophic happens. Modern recovery plans assume something will happen and you need to recover fast, cleanly, and intelligently.

"You're this close to resiliency at the end of the day.
That's what SyncSafe is about."
— John Henderson, Solution Architect, US Signal

SyncSafe gives IT teams a way to do just that, without relying on outdated DR models.

SyncSafe Replication vs. Traditional DR Solutions

Feature	Traditional DR	SyncSafe Replication
Tied to specific hypervisor	✔	✘
SAN dependency	✔	✘
Multi-cloud support	**Limited**	**Full**
Recovery granularity	**All-or-nothing**	**Application-level**
Cost model	**Complex licensing**	**Simplified per-VM pricing**
Platform flexibility	**Low**	**High**

The Operations Anywhere Vision

SyncSafe is part of US Signal's Operations Anywhere initiative, a commitment to helping customers run, recover, and optimize workloads wherever they operate.

From OpenCloud and ReliaCloud to on-prem and public cloud environments, US Signal delivers the infrastructure, protection, and expertise needed for resilient IT operations.

SyncSafe extends that vision, enabling replication across any environment and giving customers full control over how and where their data lives.



Ready to Rethink Recovery?

Modern resiliency isn't about pushing a single failover button. It's about having options. With SyncSafe Replication, you can recover what you need, where you need it, without being locked into one platform or licensing model.

Start building your recovery strategy today. Learn more about US Signal SyncSafe.