

# Neverfail Continuity Engine

No Application Downtime. Period.



Departments and organizations rely on a complex and ever-changing IT environment to underpin nearly all aspects of their operations. The increasing reliance on applications makes downtime and data loss unacceptable.

Only Neverfail Continuity Engine delivers continuous availability that departments and organizations, their users, and the communities they serve demand for their most important services.

## Application-Aware Protection

By providing unparalleled protection against any type of downtime, Continuity Engine ensures that critical applications remain available regardless of the source of threat. Continuity Engine is designed with an application-aware core, a true warm stand-by server architecture, and deep integration with VMware vSphere. With support for both physical and virtual servers, multi-server failover, and software-based WAN optimization, Continuity Engine is the ideal solution for Tier-1 business service availability.

## Simplifying Disaster Recovery

Known for being easy to install and use, Continuity Engine provides seamless integration and automated deployment in VMware environments. A deployment wizard lets administrators quickly protect virtual machines and even stand-alone physical servers with no manual setup or scripting. The entire deployment and synchronization of secondary VMs is handled completely within the setup wizard. Critical applications are protected within minutes of deployment.

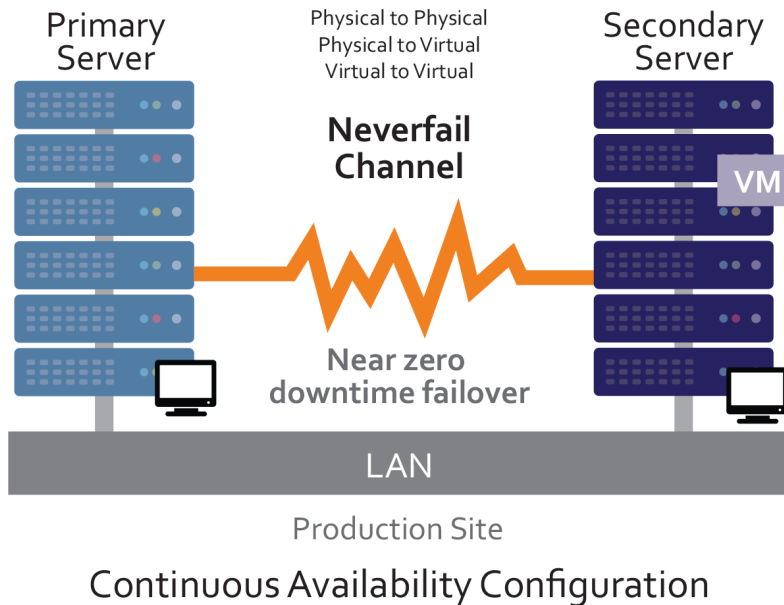
Servers protected by Continuity Engine have a warm stand-by server always ready to take over at the first sign of trouble. There's no need to keep users waiting while restoring from backup or troubleshooting an issue. Simply make the secondary server active to provide services immediately while the initial problem is being resolved.

## KEY BENEFITS

- Keeps users connected to their critical applications
- Provides a single availability solution for physical and virtual platforms
- Significantly reduces bandwidth requirements for DR
- Ensures critical applications are recoverable in seconds to minutes
- Conduct DR tests fast and without interrupting production servers
- Neverfail Certified Administrator training course included at no additional cost
- System health check six months after production installation completed included at no additional cost
- First year of support included at no additional cost
- Licensing can be purchased perpetually or monthly
- Supports DRaaS with Neverfail Continuity Cloud

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Switchover and switch-back are automated and symmetrical, so Continuity Engine can even reduce outages associated with planned downtime, keeping services online — more than any other solution architecture.



## FEATURES

- Built-in WAN acceleration
- VMware vSphere HA and vMotion integration
- VMware SRM integration
- Integrated data protection
- Tertiary (trio) node support
- Streamlined deployments
- Supports Microsoft Windows® filtering technology
- Web-based administration client
- Mixed hypervisor support
- Protects any Microsoft Windows application
- Supports Windows 2008 R2-2016

## Easy to Deploy, Cost-effective, and Fully Integrated

Modern VMware vSphere clusters have built-in availability like High Availability, Fault Tolerance and Site Recovery Manager, but these can't accomplish everything. Continuity Engine integrates with vSphere and adds our application-aware intelligence and WAN optimized replication, along with support for physical servers and multiple hypervisors.

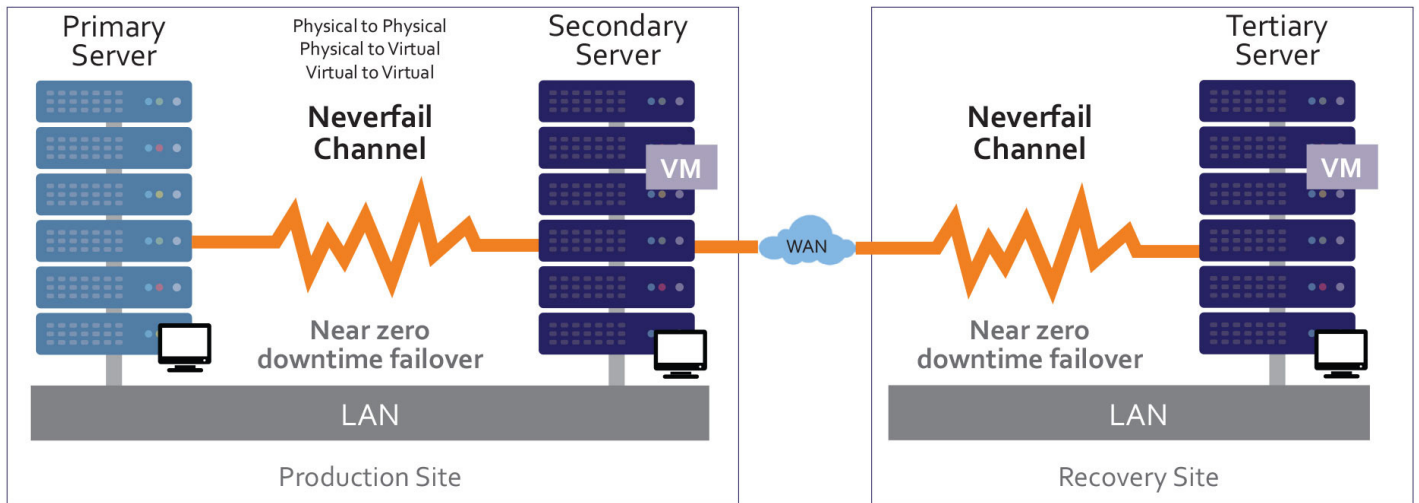
When a problem is detected, regardless of whether it's in hardware, OS, or applications, Continuity Engine is able to choose the best corrective action from the available options. Continuity Engine can automatically perform remedial recovery actions, trigger a VMware HA event or transition the active server to the stand-by secondary. Continuity Engine allows administrators to add physical servers and systems hosted on other hypervisors to SRM recovery plans.

***“After having assessed the business continuity and DR solutions on the market, it was decided that Neverfail was best placed to protect our critical systems at the application-level...”***

— J O Hambro  
Capital Management Group

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## Summary

Continuity Engine combines unprecedented levels of automation with tight integration with VMware vSphere environments to leverage customer's existing investments.

With application-aware monitoring and recovery, support for stand-by server failover, integration with VMware vSphere HA/FT/SRM and WAN optimization to reduce replication requirements, Continuity Engine meets your high availability and disaster recovery needs like no other solution. Regardless of the threat to downtime, Continuity Engine keeps users continuously connected to their data and applications — without fail.

## ABOUT NEVERFAIL

Neverfail enables businesses to achieve 100% uptime through the world's most resilient infrastructure, cloud, and business continuity solutions.

Made for mission-critical services, Neverfail solutions mitigate the risk of downtime in the face of any potential outage. By delivering seamless business continuity in and out of the cloud, we empower our partners and clients to realize their full potential without the risk of downtime.

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