

Marathon EverRun™ FT Software

Continuous Application Availability

Simple, reliable, and cost effective continuous availability for any Windows® application.

Being able to quickly recover from failures to minimize downtime is good, however not always sufficient. Preventing failures from causing downtime is even better, and often necessary to protect your business. This is exactly what Marathon EverRun™ FT software delivers. EverRun FT goes beyond rudimentary replication and failover to deliver continuous *ComputeThru*® operation of any Windows application through faults, failures, and disasters. Your applications, users, and customers will continue computing through hardware, server, and even site failures.

This simple, affordable software delivers the industry's highest levels of availability for business-critical applications using standard servers for a better, more flexible and less expensive availability solution.

Zero Downtime

Failover equates to downtime. However 'failover' and 'downtime' are not relevant with EverRun FT, as both are non-existent. There is no failover...so there is no downtime. Your applications will continue processing without interruption, regardless of the extent of the outage.

With no downtime to recover from and no failover scripts to continuously manage and test, EverRun FT frees your valuable IT resources to focus on other more strategic projects. And best of all, productivity remains high by keeping everyone connected.

Virtual Application Environment

EverRun FT uses the redundancy provided by two standard servers or blades to create a true, fault tolerant environment that protects your Windows applications, data, and OS. These two servers are treated as one by creating a single virtual server environment on top of them. This virtual server looks, acts, and is treated just like any other server, but it has the resiliency of two physical servers providing redundancy.

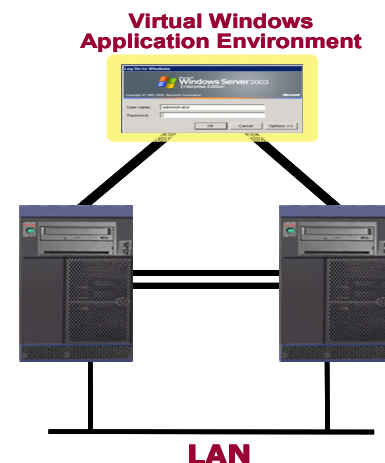
To the system and application administrators, as well as to the users, the EverRun FT environment is one single continuously available system. Applications are installed, run, managed, and accessed via the virtual server, eliminating the need to license, install, and manage multiple copies as is required for clustering and failover solutions.

If any component within one of the server's fails, or even if an entire server were to fail, the application will continue to function uninterrupted. There is no failover, so there is no downtime.

Standards-Based for Simplicity and Savings

Marathon EverRun FT software saves time and money by eliminating the need for specialized hardware, modified or cluster-aware applications, and tedious failover scripting. EverRun FT runs on a wide range of affordable, standard Windows servers, requiring only basic internal storage and standard Ethernet network connections. The EverRun FT environment is a single Windows server instance and is managed as is any other Windows server, thus requiring only basic Windows administrative knowledge;

Marathon EverRun FT Configuration





there is no need for extensive training or clustering expertise. This single Windows-instance design also saves businesses thousands of dollars in application licensing costs over typical clustering solutions.

- Supports out-of-the-box Windows applications without the need for “cluster-aware” modifications
- Supports standard edition applications, not requiring the more costly enterprise versions required by clusters
- Requires only a single application license for most applications instead of the multiple licenses required by clusters

Integrated Site Failure Protection

Maintaining availability through system and hardware failures sometimes just isn't enough. Power and building outages can quickly bring systems to a halt for extended periods.

To protect against larger-scale failures and disasters, Marathon offers SplitSite® to extend the protection levels offered by EverRun FT. SplitSite allows the two physical servers within the EverRun FT environment to be separated from each other to alleviate the risk of downtime due to site outages. Availability remains continuous even if the entire site goes down.

Continuous Operation

Planned downtime can often be as costly as unplanned downtime, requiring applications to be taken offline for maintenance and updates. Clustering and other failover solutions allow a manual failover to permit one server to be taken offline for maintenance; however the application is unavailable during the failover.

EverRun FT allows one of the physical servers to be taken offline without interruption of the application. Unlike clusters and other failover solutions, the EverRun FT design has no notion of failover. Failed components are simply removed and replaced without impacting ongoing application operations. When the maintenance is completed, the server is simply added back into the EverRun FT environment and it automatically synchronizes with the active server, at which point the other server can be taken offline for maintenance. This entire process requires zero downtime of the application.

Highest Levels of Availability Compute-through technology eliminates downtime.

Zero Data Loss Complete synchronization of the data ensures no data is lost as result of a failure.

Complete Redundancy Data, network interfaces, storage devices, processing, power.

Standards-based Uses off-the-shelf hardware for flexibility in choosing the best price and performance for specific needs.

Application Transparent Supports any Windows application without modifications and without requiring the more expensive cluster-aware versions.

Storage Independent Supports SAN and direct attached storage.

Online Repair Components can be repaired or replaced while the application remains online and available to users.

Online Maintenance Migrate the application manually to perform maintenance

Simplified Configuration & Management Embedded policies eliminate the manual process of creating and managing scripts for failover and application integration

Site-Wide Disaster Protection Separate the server across a distance to maintain availability during site or regional failures.

About Marathon Technologies

Marathon Technologies is the leading provider of simplified high availability solutions for critical business systems and applications. Marathon has been delivering enterprise-class protection against costly downtime for over 12 years, with a world-wide customer base spanning industries such as financial, healthcare, and manufacturing. Marathon is a member of the Microsoft High Potential ISV program.

For more information on EverRun FT or other Marathon products, please contact us or one of our partners, or visit us on the web at www.marthontechologies.com.

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