

## Marathon everRun™ HA It's What's Next After Clusters

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

**everRun™ HA** provides a truly automated, “industrial-strength” solution for companies that need extremely high levels of application availability. **everRun HA** delivers significantly higher levels of protection at lower cost and with much greater ease of management, making it a far better alternative to clusters.

Using patented virtualization technology, Marathon **everRun HA** software synchronizes two standard Windows servers to create a single Windows application environment. Hardware failures are automatically detected and managed by **everRun**, making failures completely transparent to the application.

This virtual server looks and acts just like any other server, but it has the resiliency of two physical servers providing redundancy. For system and application administrators, **everRun HA** is one single highly available system. Applications are installed, run, managed and accessed through the one virtual server, eliminating the need to license, install and manage multiple copies as required in clustering and failover situations.

#### REMOVES NEEDLESS COMPLEXITY

everRun HA supports any Windows application with no need for cluster awareness, scripting or modifications to applications or operating systems. The

software runs on a wide range of affordable, standard Windows servers and supports any type of storage including direct attached, NAS and SAN. Only basic Windows installation and administration skills are needed, as no additional clustering expertise is required. **everRun HA** saves thousands of dollars over typical clustering solutions by supporting any out-of-the-box Windows application and requiring only a single license instead of the multiple licenses required by clusters.

**everRun HA** removes the complexity of cluster failover management by eliminating the need to write, test and maintain failover scripts every time a hardware or software configuration is changed.

**everRun HA** has an embedded failover policy that is independent of both hardware and software applications.

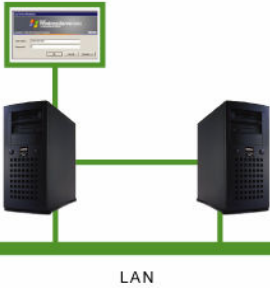
#### LIFE ON CLUSTERS

Clusters are the devil you know, but the devil is always in the details.

Complexity equals indecision. And that means downtime. Business process applications are the lifeblood of modern business operations. When applications fail; data are lost, revenues forfeited, employees unproductive, IT staffs overburdened and reputations damaged.

## Marathon everRun HA Configuration

Virtual Windows  
Application Environment



### EMEA HEADQUARTERS

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## LIFE ON EVERRUN HA

Marathon defines what's next after clusters.

**everRun** means simplicity. And that means availability. **everRun HA** software provides simpler, less expensive and more reliable application availability, reducing and even eliminating the needless risks and consequences of clusters. Marathon helps busy IT professionals focus on more strategic business, technology and client opportunities.

## INTEGRATED SITE FAILURE PROTECTION

Maintaining availability through system and hardware failures 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 **everRun HA** level of protection.

SplitSite allows two physical servers within the **everRun HA** environment to be geographically separated to alleviate the risk of downtime due to site and regional outages. With this integrated protection, availability remains continuous even if the entire site goes down.

## ALL GAIN. NO PAIN.

**everRun HA** delivers unprecedented benefits:

- Available
  - Significantly higher level of protection than clusters
  - No service disruption due to device or storage failures
  - Zero data loss
  - Redundancy of data, interfaces, storage devices
- Affordable
  - 50-60% lower cost than clusters
  - One-stop protection for apps, data and network
  - No shared-disk subsystem or SAN required
  - Needs only a single-application license
- Automated
  - Easy to install, operate and maintain
  - Transparent to end users
  - Automated fault handling and policy management
  - No scripting or custom coding

## EASE OF MAINTENANCE

**everRun HA** allows applications to be migrated seamlessly from one server to the other. This enables one server to be taken offline for maintenance while the application continues to run on the other server. There is no service interruption or loss of application state during the process, allowing maintenance to be performed at any time without affecting availability.

## RESILIENCY TO DEVICE FAILURE

Patented design features deliver a level of error detection and isolation far superior to other solutions. **everRun HA** uses the redundant devices within the two servers to prevent downtime due to device and storage failures. **everRun** automatically redirects I/O away from the failed device without any awareness by the application or the operating system. Greater resistance to failures means less downtime and increased productivity.

## RUN WITH MARATHON

Marathon's **everRun** product family represents a dramatic breakthrough in application availability, moving the market past high availability and continuous availability solutions to what Marathon calls "Infinite Availability™."

Founded in 1993, Marathon Technologies has 12 patents, 65 partners and 5,000 licenses shipped worldwide.