



MAXXESS

MARATHON

**MAXXESS and Marathon Technologies have partnered to deliver the highest level of availability using Marathon's everRun® Software to protect eFusion™, a powerful security management software package that provides multitasking support and flexibility. The open architecture enables you to build a security management system or to integrate with existing card readers and alarm monitoring devices. The key features of eFusion give you the power to customize your access control system to your specific needs — without requiring advanced technical expertise.**

**COMPLETE eFusion PROTECTION**

**everRun** software eliminates single points of failure, protecting eFusion from:

- Unplanned server, storage or network failures
- Planned downtime due to reconfiguration, hardware, and software upgrades
- Data loss and corruption
- Site failures and major disasters

With the flexibility to implement the configuration that best fits your business requirements, everRun is a great choice for protecting any eFusion environment.

**HOW everRun WORKS**

**everRun** combines the resources of two physical servers to provide a completely redundant computer environment. Once protected, your eFusion environment is managed no differently than before everRun was running. There is still just a single eFusion environment to manage; no need to deploy or manage 'primary' and 'backup' eFusion servers, no changes or updates to your Field Devices or Third Party integrated servers, and never any client-side changes to impose on your end users.

**HOW eFusion WORKS**

**eFusion™** is a powerful security management software package that provides multitasking support and flexibility. The open architecture enables you to build a completely new security management system or integrate existing card readers and alarm monitoring devices. eFusion's simple approach to system configuration and expansion gives you the power to customize your access control system to your specific needs—without requiring advanced technical expertise. This makes eFusion ideal for a wide variety of applications such as multi-tenant office buildings, hospitals, government facilities, manufacturing facilities, airports and other security sensitive installations.

**EASE OF MAINTENANCE**

Planned downtime is often costly as unplanned downtime, requiring applications to be taken offline for maintenance and updates. everRun2G allows maintenance to be performed without any interruption of service. When maintenance is completed, the server is simply added back into the everRun 2G environment where it automatically synchronizes with the active server. At this point, the other server can be taken offline for maintenance, meaning that entire process requires zero downtime. Failed components are simply removed and replaced without affecting ongoing application operations

# Marathon Technologies and MAXXESS

**Ensuring your security management systems are continuously available.**

**LIFE ON everRUN 2G**

Marathon defines what's next after clusters. everRun means simplicity. And that means availability. everRun 2G software enables simpler, less expensive and more reliable application availability, eliminating the needless risks and consequences of clusters.

**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 2G level of protection.

SplitSite allows two physical servers within the everRun 2G environment to be geographically separated to alleviate the risk of downtime due to site and regional outages. Availability remains continuous even if an entire site goes down.

**ALL GAIN. NO PAIN.**

everRun 2G delivers unprecedented benefits:

- Available
  - Zero downtime
  - Zero data loss
  - Applications available during repair
- Affordable
  - 50-60% lower cost than clusters
  - No shared-disk subsystem or SAN required
  - Needs only a single-application license
- Automated
  - Transparent to end users
  - Automated fault handling and policy management
  - No scripting or custom coding

everRun 2G delivers a single, resilient application environment that encompasses:

- Storage, networks, systems, and data
- Single and multiple (virtualized) workloads

everRun 2G runs your applications without modification, and works with off-the-shelf hardware and software, including:

- Windows Server 2008 or Windows Server 2003 (64- and 32-bit)
- Standard x86 servers
- Local disk, shared-disk or SAN

## Marathon everRun™ 2G

### Create a Resilient Application Environment



**everRun™ 2G** prevents downtime with transparent redundancy, real-time validation and automated synchronization and repair. It provides truly automated, "industrial strength" solutions for companies that absolutely must protect their applications, data, networks and operating systems from faults, failures and disasters.

everRun 2G avoids complex recovery processes by preventing downtime from occurring in the first place. everRun 2G creates a unified availability environment that supports any Windows application with no need for cluster awareness, scripting or modifications to applications or operating systems.

Using patented virtualization technology, Marathon everRun 2G delivers the industry's highest levels of availability for your servers and applications. Our software synchronizes two standard Windows servers to create a virtual application environment that runs on both servers simultaneously, allowing systems to continue running uninterrupted under any circumstance. If a device or even an entire server fails, the Windows application continues to operate uninterrupted.

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 2G is one single continuously available system. Applications are installed, run, managed and accessed through the single virtual server, eliminating the need to license, install and manage multiple copies as required in clustering and failover situations. All redundancies and failures are completely transparent to the applications and users. Best of all, everRun is a completely turn-key solution, supporting any application out-of-the-box without modification.

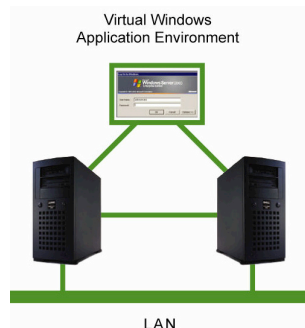
everRun 2G saves time and money by eliminating the need for specialized hardware, expensive SAN storage, modified or cluster-aware applications, and tedious failover scripting. The software runs on a wide range of affordable, standard Windows servers, supporting any type of storage, including internal, NAS and SAN.

### NO FAILOVER. NO DOWNTIME.

everRun 2G transcends rudimentary replication and failover routines to deliver continuous ComputeThru operation of any out-of-the-box Windows application through faults, failure and dropped network connections. There is no failover, and that means there's no downtime. everRun 2G ensures that your Windows users will continue computing through hardware, server and even site failures.

### 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 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 2G Configuration

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