



Zero Downtime for your Physical Security Applications - Access Control, Video Surveillance, and PSIM

everRun Advantages

- Protects all physical security applications - VMS, Access Control, and PSIM
- Software Solution is affordable to own and simple to use
- Automated system requires minimal IT staff to operate
- Provides fault tolerant protection for symmetric multiprocessor (SMP) and multi-core workloads
- Protects all components in the application infrastructure
- Scalable system grows with changing business requirements
- Uses off-the-shelf hardware
- Continuous uptime saves IT staff from performing recoveries
- Requires no application modifications or scripting
- Unmatched price/performance for application uptime

Welcome to the 21st Century

A world of escalating risks and security threats - a world where integrated physical security systems are mission critical. No one goes anywhere today without being badged, monitored, photographed, or videotaped. If these systems fail, you may not have time to recover...

Are You Still Reacting to Failures?

If you're like most organizations, you react to system failures. When a failure occurs, systems go down - VMS is blind, Access Control operations stop, integrated management or IT staffs are called upon to perform a recovery. This downtime can have a huge impact on a company's employees and assets or even on a country's citizens. Data can be lost -- forever

You No Longer Have to Settle

You no longer have to settle for downtime or the risk of data loss in the event of a system failure. Now you can move from a reactive, recovery-based model in which downtime is a given in the event of failures, to a new prevention-based model, in which downtime is prevented. Your organization can compute through failures and have always-on availability, and the beauty is you can have this in a simple and affordable solution that requires very little IT intervention.

Introducing Application Availability With everRun MX

Marathon's everRun MX is the world's first software-based, fault tolerant solution that supports single and symmetric multiprocessor and multi-core Microsoft applications. Now businesses with limited resources can have a simple and affordable solution to keep critical applications available during system failures to ensure continuous security operations. With everRun MX, all your physical security applications can have fault tolerant protection for a cost that is lower than today's recovery-based, high availability solutions.

How everRun MX Works

everRun MX provides full fault tolerance to applications that require 100% uptime. Using patented technology, everRun MX combines the physical resources of two standard Windows servers into a single operating environment with complete redundancy of all underlying hardware and data. everRun MX presents these redundant servers as a single operating environment to keep applications running in the event of component or system failures.

The everRun MX software operates in lockstep ensuring redundancy of the hardware, data, and networks, to provide automated fault management, and maintaining applications state. This ensures true continuous availability for applications that simply cannot have any downtime, or lose 'in-flight' transactions.

everRun[®] MX Security Without Compromise

Key Features

Zero Downtime

everRun MX handles system, network, and disk I/O failures without IT intervention and with zero downtime. Self-healing operations do not require IT intervention or specialized skills.

Scalable

everRun MX is the only software-based fault tolerance solution that protects all Windows applications including applications that require symmetric multi-processor / multi-core support, to meet an organization's growing technology and user requirements.

Backup/Recovery

everRun Snapshots, provide backup of an operating environment at a single point in time. Exporting snapshots to a secure location provides a backup/recovery strategy as well as a means of protecting your application.

Software Solution

everRun MX is a software-only solution that is easy to deploy and use, for organizations with limited IT resources. It does not need application modifications or scripting to deploy, and runs on commodity, off-the-shelf x86 hardware platforms.

Fully Automated

An automated solution, everRun MX enables hands-off operation, which is ideal for organizations with minimal

staff. everRun MX synchronizes, monitors, corrects and repairs problems in all components within the application environment to prevent downtime. It provides transparent redundancy, real time validation, automatic server synchronization, and self-healing capabilities to ensure continuous uptime in the event of a failure.

Complete Solution

everRun MX protects all components in the application infrastructure, including servers, all Windows applications, off-the-shelf storage and the network. This eliminates the need for multiple point solutions for availability, for easier administration and significant cost savings.

Off the Shelf Hardware

everRun MX is completely hardware agnostic. It lets you use any type of off-the-shelf storage (Direct attached or SAN) to help save money and also move easily into the future.

Single Operating Environment

everRun MX is a single operating environment, with only one IP address, one hostname, and one MAC address. Users, clients, and applications need only to connect to one system and never have to make changes to this, even when failures occur.

Learn more

Application Availability with everRun MX gives organizations with limited IT resources an automated solution to keep applications available during failures to ensure continuous business operations. Organizations no longer need to settle for downtime, and can achieve the highest level of availability in a simple, highly affordable solution. Contact Marathon today to learn more and ask about SplitSite and MX Extend for DR Solutions.

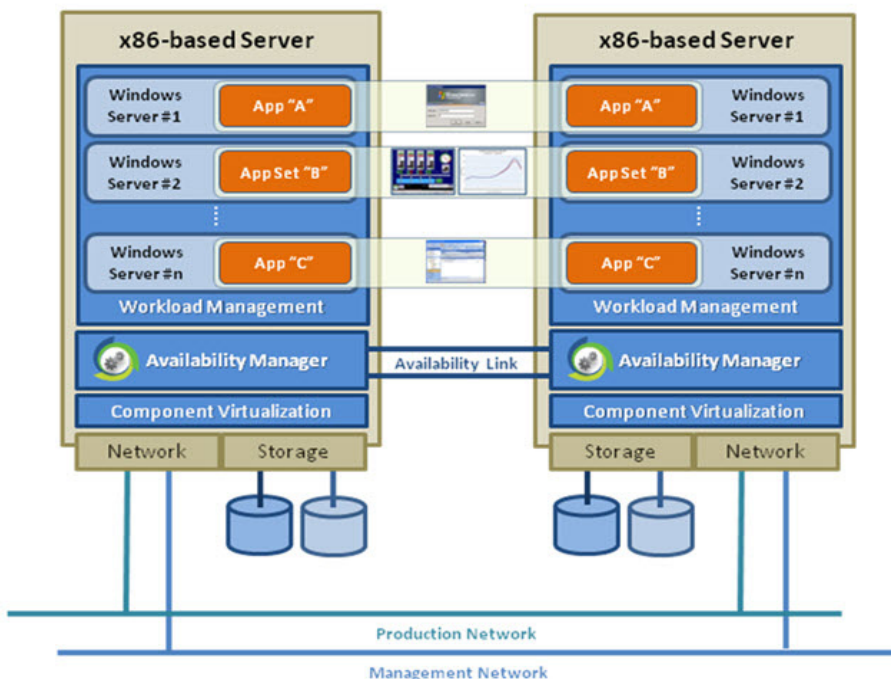
Simple Architecture:

everRun MX is built using a very simple system architecture (See Below). Simply configuring two off the shelf servers, and installing the everRun MX software will create a fully redundant environment (Full System) on top of which you are able to deploy your windows instance, and your application(s). This simple architecture builds a foundation of complete redundancy, running your windows instance and application(s) in complete lock-step across both physical servers. The ability to run your application in lockstep on two physical servers ensures complete availability in the event of a failure. The failure could be as simple as a network interface that stops responding, all the way up to a complete system failure of one of the servers. Regardless of the scope of the failure, the everRun MX Software and its Availability Manager will ensure that your application ComputeThrough™ resulting in Zero Downtime.

everRun MX System Configuration

- A pair of standard x86 Intel Servers
- Minimum 4GB of RAM or more recommended
- Intel VT Enabled CPU Chipset
- Local or SAN storage (Fiber Channel or iSCSI)
- 4 x 1 GB Network Ports
- Supported Guest OS Include
 - Windows Server 2003 SP2 and R2 (32 & 64 Bit)
 - Windows Server 2008 and 2008 R2

Contact your Marathon representative for a detailed list of requirements including supported processors and memory.



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