EVERRUN MX®
SOFTWARE SOLUTIONS

Always-on computing for WINDOWS APPLICATIONS

Stratus everRun MX is a unique downtime prevention software solution that ensures continuous availability for Windows applications on standard Intel servers. This cost-saving software can be deployed without making changes to applications and eliminates the risk and complexity involved with other availability solutions.

Unlike recovery based solutions that need to be restarted, everRun MX keeps applications running continuously, even in the event of a system failure. This is achieved through proactive monitoring of all components of the application environment. Data is automatically synchronized to a second server for redundancy and if a device fails, the system automatically redirects from the failed device to the redundant device in order to protect inflight data. Proactive failure alerts, via SNMP, provide notification when something needs attention.

everRun MX software reduces the complexities of creating and managing virtualized environments for applications. It takes over synchronizing, monitoring and recovering from problems in the physical and virtual environment to prevent downtime of your applications.

Key Benefits

- Supports Windows environments deployed on standard Intel® based servers
- Ensures zero downtime and loss of inflight data
- Includes a browser based management GUI
- Reduces system administration costs as applications run without modification or complex scripting
- Ensures fault-tolerant* or high availability protection for multi-core workloads
- Provides SNMP alerts in case of component failure
- Scales to support changing business requirements
- Prevents application downtime instead of recovering from it

everRun MX Product Family

everRun MX Enterprise
everRun MX Enterprise provides system level fault tolerance for Windows applications.
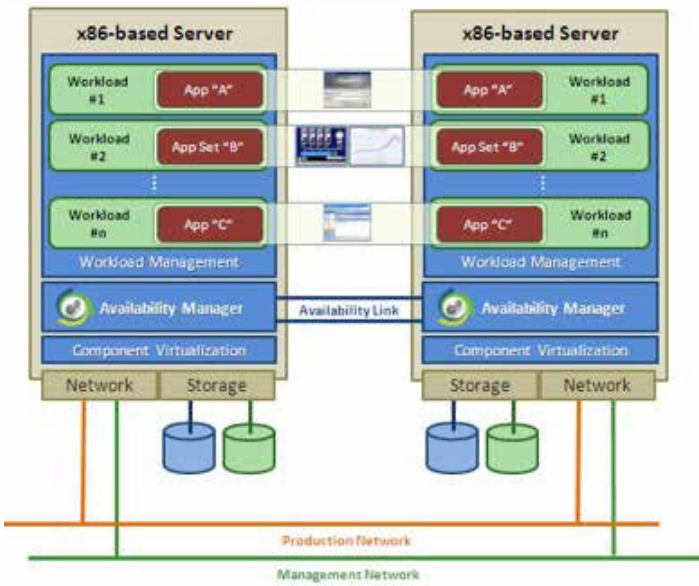
everRun MX Express
everRun MX Express provides high availability with network/storage fault tolerance.

everRun SplitSite®
everRun SplitSite add-on software provides a geographic separation capability for everRun Enterprise and everRun Express.

Stratus®
Technologies

For an **Always-On** World

everRun MX Architecture Diagram

How Does everRun Work?

everRun MX software creates a completely resilient application environment, from the network and storage to server and application. Using patented technology, everRun MX combines the physical resources of two standard servers into a single operating environment with full redundancy of all underlying hardware and data. everRun MX presents each application instance as a single operating environment on redundant servers to keep applications running, even in the event of component or system failures. This ensures the highest levels of availability for applications that simply cannot tolerate any downtime or loss of data.

Key Features

Fault Tolerance* or High Availability
Fault tolerance or high availability is achieved with redundant hardware, data, and networks, as well as availability monitoring to create a single always-on application instance. The software handles system, network and disk I/O failures without immediate operator intervention.

SplitSite Cross Campus Protection
Synchronous data mirroring ensures continuous availability of applications across sites separated by up to 5 km. For more information go to:

www.stratus.com/everRun-SplitSite

Disaster recovery*
Disaster recovery is provided through a 3rd party, CA ARCserve RHA. The solution offers a rich set of features that address system, application and data availability, and protection needs for WAN based systems. For more information go to:

www.stratus.com/CA-ARCserve

Recommended Configuration for everRun MX

- One pair of x86 industry standard servers with identical processors
- 4 GB RAM or more
- Intel® VT Enabled CPU Chipset
- Local or SAN storage (fibre channel or iSCSI)
- Four 1 GB network ports
- Supported guest operating system
    - o Microsoft® Windows Server® 2003 SP2 (32 and 64 bit)
    - o Microsoft® Windows Server® 2008 and 2008 R2

Please refer to the *everRun Hardware Guide* for a list of qualified systems and components: http://go.stratus.com/everrunHG

Find Out More

For more information, or to purchase Stratus products, call 1-800-STRATUS, or visit www.stratus.com.

Applies to everRun MX Enterprise only.