

everRun[®] for Citrix[®] XenApp[™] Protecting your XenApp Infrastructure & Application Silos

Prevent downtime and data loss in your Citrix XenApp Environment

"Being able to manage all our applications centrally from Munich [with Citrix XenApp] has many advantages. The greatest is that it allows us to install any new software for all outlets at one go, which saves us a lot of time. However, because of this, it is absolutely crucial that all servers are available at all times, as any unscheduled downtime at the head office in Munich would lead to severe delays during upgrades. A disruption to the provision of data and applications would affect every employee, and in the worst case scenario, halt operations altogether. But with everRun, we no longer have to worry about downtime."

Asmir Hrutanbegovic,
IT Specialist at MAN AG

"We had actually already been working with Marathon everRun for the past year while it provided fault-tolerance for our Exchange e-mail servers. Previously our old Exchange servers had to be rebooted frequently; we haven't had to reboot the new system once in the last year."

Doug Constance, Team Leader
Windows development for the Wellcome Trust Sanger Institute

More businesses today than ever before are delivering critical applications remotely to their customers and end users. Citrix® XenApp™ is a primary enabler for this very business need. For many companies, XenApp farms have become a strategic part of their business. As more users demand access to critical applications via XenApp, challenges rise around efficient roll out and maintenance of XenApp servers, as well as protecting the infrastructure that hosts the applications.

Complete XenApp Protection

everRun® software protects XenApp farms from downtime and reduces cost of growth:

- Consolidate your application silos and protect them with everRun
- Identify and protect key infrastructure components most critical to XenApp
- Obtain protection from data loss and corruption
- Overcome site failures and major disasters

everRun provides protection for XenApp applications, data, and infrastructure components that allows you to avoid downtime due to failures on your system, network, storage, or other Citrix devices critical to the overall XenApp environment.

How everRun Works

everRun combines the resources of two physical servers to provide a completely redundant compute environment. All components including the storage and storage devices, networks, and even the

servers are transparently paired for complete redundancy. Components are automatically activated should a failure occur to allow the application to compute through the failure without any interruption. You have the flexibility to host a single or multiple applications on the pair of redundant servers. Once protected, your XenApp environment is managed no differently than before everRun was running. There is still just a single XenApp environment to manage; no need to deploy or manage a 'primary' and 'backup' server, no changes or updates to your Web Interface or Licensing Server, and never any client-side changes to impose on your end-users.

No other availability software can deliver the levels of availability, automation, transparency, and simplicity. everRun runs on standard servers without proprietary hardware for ease and flexibility of deployment.

everRun Delivers

- Higher levels of availability than typical failover solutions
- Transparent operation that automates and simplifies application availability
- Selectable levels of availability and fault tolerance to match your applications requirements
- Simplicity of installation and management with no need for specialized staff experience or training
- Solutions to address local, regional, and long-distant availability and data protection requirements
- Flexibility to utilize any type of storage; direct- or network-attached, local or shared

WORLDWIDE HEADQUARTERS

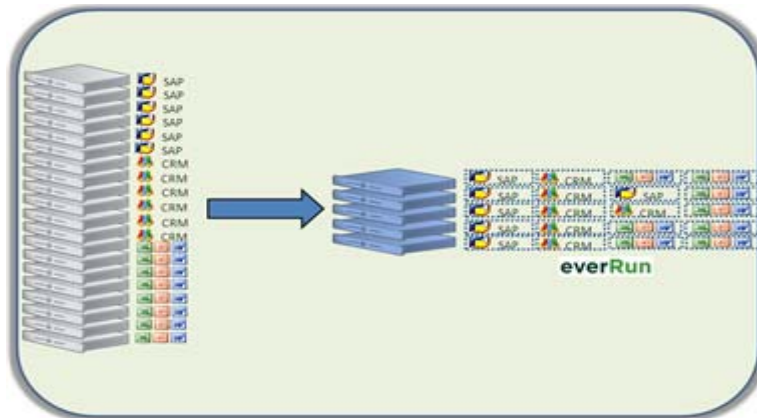
Marathon Technologies Corporation
 295 Foster Street, Littleton, MA 01460
 Tel 1.800.884.6425 / 1.978.489.1100
 Fax 1.978.489.1101
 Email: info@marathontechnologies.com
 Web: www.marathontechnologies.com

EMEA HEADQUARTERS

Marathon Technologies UK Ltd
 Regus House, Trinity Court
 Wokingham Road, Bracknell
 Berkshire, RG42 1PL
 Tel +44(0) 1344.706.241
 Fax +44(0) 1344.706.242
 Email: emea@marathontechnologies.com
 Web: www.marathontechnologies.com

everRun High Availability for Application Silos

Citrix best practice is to set up your applications in a “silo”. In the example below, a silo of SAP servers, CRM servers, and Microsoft Office servers have been configured in a ratio of one server per application. As more users demand access to these applications, additional servers are added and the cost of the deployment quickly grows. While your silo grows, your exposure and risk of application downtime also grows. everRun utilizes Citrix XenServer to consolidate required physical servers in your application silo, sometimes reducing a server deployment from 20 to only 5 or 6. Protecting those applications from downtime is the job of everRun. Each application on each virtual server is a candidate to be protected by everRun. You can assign and protect each application to a protection level that matches the criticality of that application and enables your service level agreements to be met.



everRun High Availability for XenApp plus Disaster Recovery

High availability isn't always enough to meet legal, regulatory, or business requirements for system and data protection. Disaster Recovery ensures that your applications and data are available at a remote location, hundreds or thousands of miles away, in order to recover should a major disaster render your availability configuration inoperable; hurricane, tornado, etc. The following configuration provides a XenApp silo high availability protection using everRun to protect against the majority of failures and outages, with everRun DR providing remote replication and restart capabilities to a remote location. Critical XenApp infrastructure components have been protected to the same degree with everRun at both the production and DR sites to ensure a highly available environment should a restart be necessary at the DR site. This further protects your overall XenApp infrastructure and guards against falling short of SLAs due to a failed infrastructure component.

