



Healthcare High Availability

PROTECTING EHS SYSTEMS FROM DOWNTIME AND DATA LOSS



High Availability & Disaster Recovery



EHS and Healthcare Applications

SIOS Technology makes high availability clustering and replication software that ensures critical applications, databases, and EHS systems, automatically recover from infrastructure, network, and application failures – keeping your data protected, applications online, regulatory requirements met, and users productive.

Meet Availability SLAs and RTO/RPOs with Ease

SIOS gives you the flexibility to build SAN and SANless clusters for Windows or Linux environments on physical servers, virtualized servers and in the cloud. You can use SIOS software to achieve high availability or disaster tolerance. Easily move Windows Server Failover Clustering to the cloud without disruption or easily build a Linux clustering environment with application-specific intelligence built-in. In the cloud, you can configure clusters across availability zones or regions for maximum HA/DR protection or create hybrid cloud or multicloud configurations to meet availability SLAs and RTO/RPOs with ease.

High Availability

SIOS DataKeeper

Add SIOS DataKeeper to a Windows Server Failover Clustering environment to create a SANless cluster where traditional shared storage clusters are impossible or impractical, such as cloud and hybrid cloud environments. Fast, efficient host-based replication synchronizes local storage on all cluster nodes for maximum configuration flexibility. Or, add replication to your existing SAN-based Windows cluster for DR.

Use SIOS DataKeeper Cluster Edition software to protect your business-critical Windows applications and EHR systems and the databases they run on, including Microsoft SQL Server, Oracle, in a physical, virtual, or cloud environment.

- **Configuration Flexibility** - Protect all server workloads. Replicate within a single site or across data centers.
- **Cost-Savings** - Advanced clustering without costly application upgrades (e.g. SQL Server Enterprise Edition)
- **Reduce Complexity** - Migrate on-prem WSFC to cloud without disruption

SIOS Protection Suite

SIOS Protection Suite for Linux lets you run your business-critical EHR applications on premises or in a flexible, scalable cloud environments, such as Amazon Web Services (AWS) and Microsoft Azure without sacrificing performance or HA/DR protection. SIOS clusters uniquely failover across cloud regions or availability zones for true HA protection.

SIOS Protection Suite includes powerful Application Recovery Kits for leading applications, ERPs and databases that automate manual tasks, monitor the entire application stack, and ensure failovers maintain application-specific best practices.

- **Advanced Automation** - Auto-validated user input eliminates the need for costly, specialized skills and the risk inherent in manual scripting to configure and manage a cluster in complex EHR environments
- **Deep application monitoring** - Monitors the entire application environment
- **Application-aware automated failover** - maintains compliance with application best-practices for reliable failovers without surprises.

Fact Sheet

EHS Systems Protected

SIOS products protects critical databases that electronic health record (EHR) applications run on from downtime and data loss.

Athena Health, Cerner Corporation, eClinicalWorks, Epic Systems, GE Healthcare, Greenway Health, Kareo, MEDITECH, McKesson, Xtelligent, and more.

Databases and ERPs Protected

SQL Server, SAP, SAP S/4HANA, Oracle, SharePoint

[Learn More](#)

Environments & Platforms Protected

Microsoft Azure Cloud, AWS EC2, Google Cloud Platform, Hybrid Cloud, VMware, Hyper-V, On-Premises

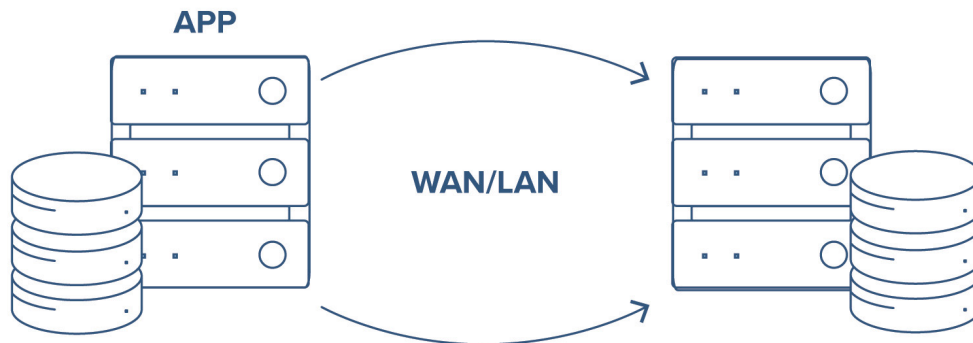
Operating Systems Protected

Windows, SUSE Linux, Red Hat

Healthcare Case Studies

Chris O'Brien Lifehouse Cancer Treatment Center, Allyn Hospital, Carroll Hospital, Leading Healthcare Provider.

[Learn More](#)



Unlike traditional shared storage clusters, SIOS synchronizes local storage in a SANless configuration, enabling failover clusters in physical, virtual, cloud, and hybrid cloud environments.