Centrally managed, high availability systems with disaster recovery

DR DELIVERS:

- *Clinicians*: Always-on access to complete patient records.
- *IT*: Fast recovery, minimal data loss and high performance.
- *Administrators*: Easier HIPAA compliance, lower costs and reduced risks.

Overview

For most organizations, disaster recovery is important. But in healthcare, it's life critical. Clinical systems and data must be continuously available so that clinicians can accurately diagnose and treat patients. Just one hour of downtime can negatively impact patient care. Extended outages could prove fatal.

Yet the large volumes of data generated by healthcare organizations make it physically and financially impossible to perform daily backups. The lifeblood of healthcare, clinical systems can generate several terabytes of unstructured data, while administrative systems often match that number. These fast-growing data volumes combined with aggressive regulatory mandates that determine how healthcare data should be protected, the Healthcare Insurance Portability and Accountability Act (HIPAA), for example, subject healthcare IT teams to stricter SLAs for backup windows, recovery time objectives (RTOs) and recovery point objectives (RPOs).

The Solution

Healthcare disaster recovery (DR) solutions have a simple, mission-critical goal: restore critical IT services as quickly as possible to minimize disruptions to patient care.

We can help you define or refine your disaster recovery plan by mapping key services to RPO and RTO objectives and providing failover planning. With a healthy plan in hand, we can assist you with choosing comprehensive, high availability DR solutions that meet your specific needs, from small hospitals to more complex operations, such as large healthcare campuses, multiple clinics and remote locations.

These industry-leading DR technologies cover backup, archive and disaster recovery can be centrally managed for a more efficient, cost-effective and predictable solution.

Enterprise-wide life-critical IT resources, such as Picture Archiving and Communication Systems (PACS), Hospital Information Systems (HIS), Radiology Information Systems (RIS), electronic health records (EHRs) and more, can be replicated to a standby server, system or network so that, in the event of an outage, these resources will still be available to clinicians. This automatic failover requires no intervention on your part, and allows patient care to be delivered uninterrupted. Plus, you can easily restore resources back to their original state before the outage.

You'll not only ensure continuous operation of your systems, you'll ensure that clinicians can provide continuous care for their patients.

Benefits

- Assists with disaster avoidance and failover planning for more comprehensive protection.
- Ensures availability of life-critical clinical systems and EHRs without impacting clinical workflows.
- Reduces backup and recovery time to better meet RPO and RTO objectives.
- Improves productivity with continuous data access across the healthcare enterprise.
- Centralizes DR management for more simplified data protection and greater productivity.
- Optimizes storage and media use for lower costs and greater energy efficiency.

Solutions II

Continuous Availability, Better Patient Care

Industry-leading DR solutions feature high availability via built-in redundancy in several configurations, including active-passive, active-active and bi-directional. Failover requires only that you establish an acceptable level of fault tolerance; otherwise, no intervention on your part is needed. In each scenario, an outage triggers an automatic failover to a redundant system. Clinicians have continuous access to patient data, allowing them to treat and diagnose patients without interruption, while the organization itself avoids the risk of negative publicity, lost revenue, financial penalties, legal costs and more.

Lower Costs, Improved Productivity

Significantly speed backups, reduce impact and meet aggressive RTO and RPO requirements by moving beyond tape: to disk backup, deduplication, snapshot and other advanced technologies. Consolidate at the failover site, and simplify DR by managing backup operations centrally. Plus, you can easily integrate DR solutions with clinical systems, leading enterprise applications and a wide range of heterogeneous environments, both physical and virtual. With these advances, your DR solution can protect enterprise-wide, life-critical IT resources as well as smaller sites and Tier 2 applications.

Faster, More Predictable Disaster Recovery

With a solid DR solution, you'll better meet your RPO and RTO objectives. Frequently test recovery plans in a non-disruptive manner. Replace manual recovery processes with automated recovery, eliminating the risk associated with user errors and ensuring predictable recovery.

To get started, call (800) 245-2156 or send an email to info@Solutions-ii.com or visit www.Solutions-ii.com to see how your healthcare organization can benefit from an industry-leading vendor neutral archive solution.

ABOUT SOLUTIONS II

Solutions II is nationally recognized for world class innovation in virtualization, business continuance and data lifecycle management. Solutions II assists Clients every day, to leverage technologies and services that drive the cost out of IT. Solutions II's commitment of bringing best-of-breed solutions to Clients includes a professional services practice dedicated to increasing customer service levels and decreasing the time and support required for implementations to keep their Clients "Performing Ahead of the Curve."