Achieve high levels of business continuity with integrated services and technologies.

Effective disaster tolerance with HP Disaster Tolerant Continuity Solution

Because most business operations are completely dependent upon information technology (IT), system downtime can have enormous consequences for businesses today. Erratic, unreliable systems and services can increase your organization’s costs and negatively impact revenue, customer retention, brand image, and even stock price. Moreover, in the event of a disaster, maintaining data availability and integrity is integral to your company’s survival. Implemented properly, disaster-tolerant technology can provide your business with the highest level of business continuity and rapid recovery times, even following a major failure—but implemented poorly, it can lead to catastrophic data loss and unnecessary extended application downtime.

The HP Disaster Tolerant Continuity Solution (DTCS) can help you maximize the potential of your data center disaster-tolerance solutions based on HP StorageWorks Continuous Access and HP’s mission-critical server platforms running HP-UX, OpenVMS, and the Windows® family of operating systems. Our consultants work with you to solve the key challenges of managing two data centers through effective management of remote data replication, failover, and failback between data centers, and by ensuring fast, predictable recovery times even following a major failure. As part of this unique package of services, HP consultants provide you with fast, low-risk implementations of proven disaster-tolerant solutions for even the most demanding, complex environments—with minimal disruption to your business.
While many HP clients choose to manage their own disaster-tolerant environments, many others see the benefit of an outsourced HP management solution. In an outsourced solution, one of the data centers where a disaster-tolerant solution is mounted can be located in an HP recovery center or partner facility—allowing access to work areas and loaned servers on a shared subscription basis to reduce your costs. Most HP recovery facilities are equipped with a robust infrastructure, including uninterruptible power supplies (UPSs) and backup generators, which can further reduce your costs.

Enjoy high levels of business continuity with services and technologies
HP consultants are experts in implementing the latest in remote replication software, including HP StorageWorks Continuous Access. As part of the HP Data Replication Solution Service, HP consultants install and configure data replication software products such as Continuous Access, a controller-based application that performs real-time replication between HP StorageWorks Enterprise Virtual Arrays (EVAs) or XP disk arrays. The application performs remote data replication and delivers high data availability and performance to users on Fibre Channel–based campus, metropolitan, or continental storage area networks (SANs). With Continuous Access, you enjoy one of the industry’s highest levels of storage data protection to meet your business continuity needs.

To deliver fast, predictable recovery times—even following a major failure—HP DTCS broadly addresses the disaster tolerant solution infrastructure. This integrated approach simplifies the management of the solution, including the servers and the inter-site links—and greatly reduces the potential for operator error, reducing the possibility of data loss and system downtime while maximizing operator effectiveness.

Customized services to meet your IT and business continuity needs
HP DTCS is tailored for your business and delivered using a proven implementation methodology. Prior to purchase and during a pre-installation review meeting, HP professionals work closely with you to understand your disaster-tolerant solution requirements and to assess how the solution would interact with your existing infrastructure and business processes. Following delivery of the solution, HP disaster tolerance professionals transfer knowledge to your IT management and operational staff, thereby helping to verify that your team can properly manage your disaster-tolerant solution and handle specific issues that are unique to your business.

HP DTCS includes the following deliverables:
- Pre-installation briefing, configuration verification, and project appraisal
- Dual redundant management station installation and customization
- Disaster tolerance lab training for system managers and operators
- Technical recovery plan review
- Disaster recovery test suite design
- Disaster recovery test suite execution

Data replication and disaster recovery—a critical part of your infrastructure
HP DTCS is part of the HP Enterprise Network Storage Architecture extended (ENSAx) blueprint for adaptive storage infrastructure. ENSAx lets you control your network storage environment for increased efficiency, confidence, effectiveness, and business agility. HP DTCS provides you with increased control and efficiency by integrating your disaster-tolerant solution into your overall business continuity plan. And most importantly, it helps enable rapid access to critical application data—even if an entire data center has suffered a disaster.

With leadership from HP
HP understands how important data replication, disaster tolerance, and high availability are to your business. Our industry-leading data replication products and services enable you to achieve the highest level of business continuity—and provide easy-to-use tools for managing and controlling your data replication needs.

For more information
For more information about HP DTCS or other HP Business Continuity offerings, please contact your HP representative or e-mail us at business.continuity@hp.com. You may also find more information on HP Business Continuity & Availability Solutions at www.hp.com/go/businesscontinuity.