Data Storage Corporation

A critical priority for businesses in today's 24x7 world is protecting their data, systems and applications. Organizations need to understand their risk potential and have a sound business continuity plan in place. Because not all companies require the same level of protection, Data Storage Corporation (DSC) offers a broad array of comprehensive and flexible data protection and business continuity services that help organizations protect their data, minimize downtime, ensure regulatory compliance and recover and restore data within their objectives.

Hosting its clients' data and applications at its four, highly secure, off-site data centers, DSC delivers its services via a cloud computing approach, eliminating the need for its clients to make large capital investments. And, for its affordable monthly cost, it provides its data protection and recovery services at a lower price than managing this function in-house.

DSC offers its high availability (HA) and recovery solutions to organizations of all sizes operating in iSeries/AS400, MS Windows, UNIX, Linux and AIX environments.

SafeData Availability (SafeData HA)

For those companies that have recovery time objectives of 15 minutes or less, DSC's SafeData HA meets the high availability demands of their businesses. Combining best-of-breed technologies from the industry's leading developers, SafeData HA is the company's subscription-based high availability offering. For a monthly subscription fee, DSC creates and maintains a mirror of its clients' mission-critical systems and data at a secure off-site data center ensuring their business is "switch ready". During either planned or unplanned downtime, SafeData HA provides a switchable "mirror" of a company's data and applications guaranteeing availability in 15 minutes or less.

SafeData HA is available for the IBM System i, UNIX, AIX and Windows operating systems. Products on each platform share the same architecture, but use a different middleware product designed and priced for the platform's specific operating system. SafeData HA provides real-time system replication using standard Internet protocol. It is replicated to a server in SafeData's data centers.

In the event of an outage, the SafeData system becomes the production system. When the client's production system is again operational, the SafeData server updates the client's system with any new data. When downtime is planned, the customer can switch to the SafeData server and run its production applications.

Benefits of the SafeData HA include:
- Data and application availability in 15 minutes or less
- Cost-effective
- Easy to implement and manage
- Reliable backup and recovery

SafeData Recovery (SafeData DR)

Not all organizations require real-time recovery. For those with recovery time objectives of 10 hours or less running in an IBM System i environment, DSC's SafeData DR subscription-based service is a viable option requiring no initial capital expenditure. Leveraging electronic vaulting technology, SafeData DR is an online backup and recovery service that gives organizations remote access to mirrored data and a full functioning recovery system within hours of a disruption.

SafeData DR instantly transfers data off-site to one of DSC's secure data centers. All data is encrypted prior to transmission and remains encrypted "in-flight" and "at rest" to ensure protection and to meet today's compliance standards.

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After the "initial seed" or first full backup is completed, all backups are then incremental at the block level, thereby, drastically reducing backup windows. Backups are fully automated and do not require any human intervention. Industry standard retentions are provided and customizable, and the client's data is available for rapid restore at all times. If a disaster is declared and recovery is required, DSC restores its clients' systems and data, rapidly, from the vault to standby iSeries and/or Windows servers. Clients can then access their applications via managed VPN services.

Benefits of DSC's SafeData DR for IBM System i:

- Fast recovery times (in hours, not days)
- No tapes to get lost or damaged
- Virtual recovery that fully protects your iSeries investment
- Eliminate data recovery burden on IT resources

SafeData Virtual Recovery for Windows (SafeData VDR)

DSC's SafeData VDR solution provides the same recovery benefits as SafeData DR for the IBM System i platform, but for MS Windows environments.

In the event of a disruption or disaster, clients have remote connectivity to a fully functioning Windows system (virtual machine) complete with their backed up data and applications.

Benefits of SafeData VDR for Windows Recovery:

- Fast recovery times (in hours, not days)
- No tapes to get lost or damaged
- Virtual recovery that fully protects your Windows investment
- Eliminate data recovery burden on IT resources

Telecom Recovery (SafeData TR)

DSC also offers recovery solutions to help organizations protect their telecom systems and ensure business continuity.

DSC's SafeData TR (telecom recovery) enables clients to rapidly restore complete control of their inbound telecommunications functions in five minutes or less. If an outage occurs, an organization can quickly regain control of incoming calls, with faster and more flexible routing capabilities than any other technology at any price. This web-based tool is easy to use and requires no capital expenditures by the client, no need to buy equipment and no need to change their current local or long distance telephone carriers.

Benefits of SafeData TR include:

- Ensure business continuity
- Quickly re-direct phone calls
- Secure
- Reliable, state-of-the-art technology
- Affordable (no capital expenditures)
- Easily to use

SafeMail Hosted eMail Archiving (with eDiscovery)

Email is an integral part of the business world and has grown significantly over the last decade. Therefore, there is a tremendous need for email archiving solutions that help organizations comply with government and industry regulations (i.e. FINRA/NASD, SOX, HIPAA, SEC, FRCP); support both internal

and external litigation; reduce the load and burden on live messaging servers; limit chances of data corruption and offer best business practices.

DSC provides a hosted eMail Archiving Service to organizations of all sizes. By leveraging a global cloud computing and storage infrastructure, DSC provides a scalable, 100% software free service.

The DSC archive helps organizations comply with the Federal Rules of Civil Procedure as it pertains to email archiving by securely capturing, indexing and storing up to nine copies of auditable email for easy retrieval through its search and discovery interface.

Benefits of the Hosted eMail Archiving solution are:
- No hardware, software or storage infrastructure required
- Indefinitely scalable
- Unlimited storage capabilities
- Supports all messaging environments
- No in-house technical support required
- Environmentally-friendly offering reduced power/cooling and carbon output
- Low total cost of ownership

SafeData Vault for Backup, Recovery & Archiving (offsite, remote, and local-only)
DSC offers a fully automated service designed to reduce the overall costs associated with backup and recovery of application and file servers that enables organizations to centralize and streamline their data protection process. Business-critical data can be backed up any time, while servers are up and running.

The essence of data backup is simply the scheduled movement of "point-in-time" snapshots of data across a network to a remote location. DSC's disk-to-disk backup and recovery solution is reliable and easy-to-use. As part of this service, DSC offers Continuous Data Protection (CDP), delta block processing, data de-duplication and large volume protection.

DSC's SafeData Vault has significant advantages over traditional backup software:
- Immediate off-site backup
- Reduced backup windows
- Elimination of tape management issues
- Minimized costs associated with distributed backups
- Elimination of human intervention
- Encryption of all backed up data
- Optimized bandwidth

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