

TOTAL DATA PROTECTION

The protection and availability of critical systems and data is an organizational imperative to knowledge workers. Threats to the data center include natural and man-made disasters, viruses, employee malfeasance, hardware and software failures or simple power outages.

Investments in redundant infrastructure designed to provide disaster recovery have proven to be expensive, complicated to maintain and difficult to test. In times of reduced budgets, and with these systems not being used most of the time, many organizations are looking for more cost effective, and simpler alternatives.

FEATURES

- Recover lost or corrupt data in less than two minutes
- Restore failed systems in fifteen minutes
- Local and off-premise recovery
- All software licensing included
- Windows and Linux supported (widest application support in the industry)
- Web based UI provides 'push-button' recovery

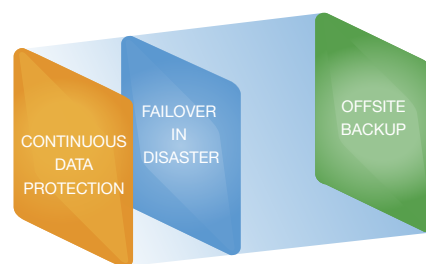
KEY BENEFITS

- Minimize economic risk of service interruption
- Standardize recovery methods across the enterprise
- Eliminate other backup technologies and processes
- Drive down cost and complexity

Total Data Protection Service

Total Data Protection is a service designed to keep critical data and applications highly available without the associated complexity and cost of redundant offsite infrastructure. Using shared physical infrastructure, and through disaster zone planning we are able to significantly alter the economics of disaster recovery, minimizing capital investments and overall costs. On-premise recovery capability makes offsite failover a less frequent requirement, and web based automated recovery reduces complexity and risk.

The service combines three different solutions which protect the entire environment (all systems and data enterprise wide) from threat, providing on and off-premise recovery with minimal downtime.



On-premise Protection

Continuous Data Protection software protects all hosts (physical and virtual) within the primary data center facilities. Recovery of data from corruption or viruses takes minutes (rather than hours or days). Entire systems can be recovered within fifteen minutes or less and lost or corrupt data can be restored in seconds. Data is protected in its native format and is always instantly accessible. The use of a single technology for all systems standardizes recovery process across the organization, reducing complexity and driving cost efficiencies.

Failover in Case of Disaster

The service includes continuous replication of all systems and data to remote nScaLED data centers. Offsite recovery processes are initiated by the client using Cloud Console (web based UI) which recovers replicated hosts into Active Virtual Machines within a VMWare environment. The recovery process takes less than 15 minute per host.

Data Retention and Backup

The service design ensures that at least three separate copies of all data are maintained, in two separate geographic locations at all times. Once the service is installed, all other backup processes and technologies can be retired resulting in reduced complexity and cost. Data retention policies are set at the host level and can support years of historical recovery points.

Initiating Failover Recovery with Cloud Console

Cloud Console is a web based tool which enables one or more hosts to be recovered in case of disaster in remote cloud data centers. The recovery takes minutes per host. Replicated servers are converted into Active Virtual machines in the nScaLED cloud VMWare environment. End users connect to the remote data center over secure VPN connections or through private lines between data centers. Failover is a simple process, and failback is fast and just as easy.

About nScaLED

We provide virtual data center services (cloud computing) to clients with zero tolerance for data loss or system downtime. Our clients routinely work with the most highly sensitive data and their business reputation depends on the confidentiality and reliability of critical systems and applications. Everything we do from our service level agreements, to system design and management practices support these requirements. Our cloud data centers operate as an extension to each client's existing primary data center facilities. We license market leading technologies from selected partners, integrate, automate and extend these with our own proprietary developments to streamline processes, and simplify data center operations for our clients.