StorTech Backup & Recovery

Business Continuity Planning

Safeguard your organisation with a hosted, Azure-based disaster recovery solution from Microsoft.

WHY CUSTOMERS USE AZURE BACKUP?

- Devoting time and resources to protecting data and applications.

- Managing vast amounts of data.

- Maintaining compliance.

- Managing complex processes and avoiding human error.

Microsoft

WHAT IS STORTECH BACKUP & RECOVERY BUSINESS CONTINUITY PLANNING?

Our solution combines Azure Site Recovery (ASR), Azure Backup and System Centre DPM to create a workload-aware, best-in-class disaster recovery solution that makes it possible for organisations to recover from disruptions within minutes - and with minimal data loss. It's the only consistent, unified solution that works across heterogeneous and hybrid hosted IT environments.

We can help you solve some of these common challenges.

Devoting time and resources to protecting data and applications - Let us take the work out of protecting your data and applications so you can free up skilled employees to focus on high-impact activities for your organisation.

Managing vast amounts of data - reliable protection for the ever growing volume of data that your organisation needs to manage.

Maintaining compliance - Our Azure-based disaster recovery solution can support nearly any data retention or data sovereignty requirements you may have, and our offsite geo-replication capabilities help ensure that all of your data is recovered in the event of a disruption.
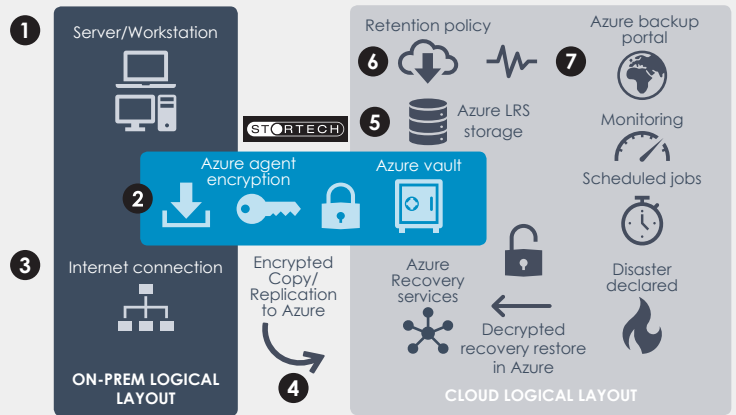
Managing complex processes and avoiding human error - Our automated disaster recovery process helps eliminate the risks of manual backups, unexpected hardware dependencies, and human error.
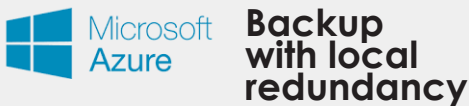
Bronze

Microsoft Azure

Cloud Backup

This solution is for customers that requires a Cloud-only backup copy for compliance reasons. This gives them the ability to have an off-site copy which eliminates the usage of additional disk or tape at their production site.
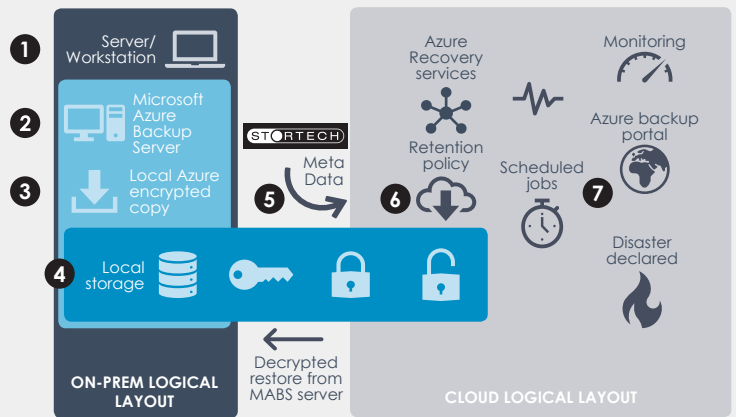
1 Server/Workstation
2 Azure agent encryption
3 Internet connection

ON-PREM LOGICAL LAYOUT

Encrypted Copy/ Replication to Azure
4

Azure vault
5 Azure LRS storage
6 Retention policy
7 Azure backup portal

Monitoring
Scheduled jobs
Azure Recovery services
Decrypted recovery restore in Azure
Disaster declared

CLOUD LOGICAL LAYOUT

Cloud-only backup copy for compliance reasons

Silver

Microsoft Azure
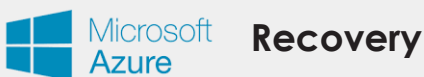
Backup with local redundancy

This solution is for customers that require a local and Cloud backup copy for compliance reasons. Managed by a single portal that reflects the meta data and reporting, it is designed to utilize the local appliance disk to disk copy by removing disk to tape legacy solutions. This is for a low RTO that has a requirement to restore files from a local backup copy that has not been replicated to the cloud.
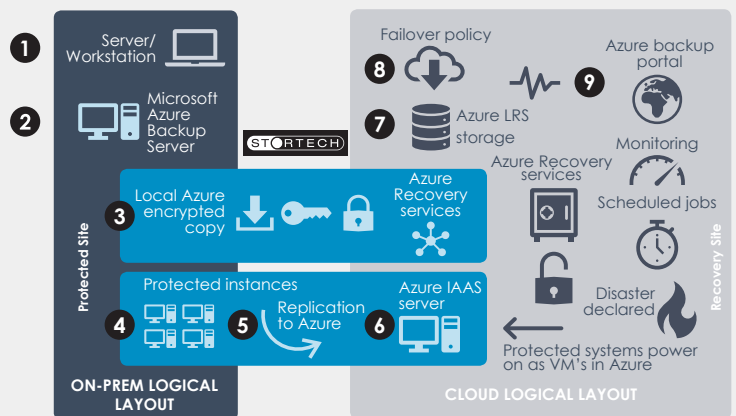
1 Server/ Workstation
2 Microsoft Azure Backup Server
3 Local Azure encrypted copy
4 Local storage

ON-PREM LOGICAL LAYOUT

5 Meta Data
6 Retention policy
Azure Recovery services
7 Azure backup portal
Scheduled jobs
Monitoring
Disaster declared

Decrypted restore from MABS server

CLOUD LOGICAL LAYOUT

A low RTO that has a requirement to restore files from a local backup copy

Gold

Microsoft Azure

Recovery

Site Recovery manages and orchestrates disaster recovery of on-premises machines and Azure virtual machines (VMs), including replication, failover, and recovery. Site Recovery helps ensure business continuity by keeping apps running on VMs and physical servers available if a site goes down. Site Recovery replicates workloads running on VMs and physical servers so that they remain available in a secondary location if the primary site isn't available. It recovers workloads to the primary site when it's up and running again. This is not a backup solution and therefore should not be used as such. It is however a consistent state replication for application that run on physical and virtual instances like Pastel, Quickbooks and AutoCAD or even medical applications like Elixer (Medimass), to name a few.

Using this solution in conjunction with Cloud Backup (Bronze) and local backup (Silver) offering provides a near to enterprise solution for SMB customers.

1 Server/ Workstation
2 Microsoft Azure Backup Server
3 Local Azure encrypted copy
Azure Recovery services
Protected instances
4
5 Replication to Azure
6 Azure IAAS server

Protected Site

ON-PREM LOGICAL LAYOUT

8 Failover policy
7 Azure LRS storage
9 Azure backup portal
Monitoring
Azure Recovery services
Scheduled jobs
Disaster declared
Protected systems power on as VM's in Azure

Recovery Site

CLOUD LOGICAL LAYOUT

Site Recovery helps ensure business continuity by keeping apps running