mother
technologies

Redundancy, Replication & Disaster Recovery

For peace of mind that your business is protected in the event of a failure or disaster, Mother provides a secure and resilient back up service. We delivery cost effective disaster recovery that you don't need to worry about.

Every server in Mother's datacentre is virtualised and running on a resilient VMware vSphere platform. Virtual servers can be moved from one hardware platform to another even when they are live. This allows server hardware to be brought in and out of service without affecting uptime.

The virtual machines and their data are stored on Storage Array Network (SAN) devices. Each SAN has a primary and a secondary redundant array of high performance disks. The primary array hosts live servers and the secondary array contains copies of live servers running on other SANs. So in the event of a SAN failure, a copy of everything exists on another SAN.

In addition to continuous SAN replication, servers and their data are encrypted and sent off-site to network storage devices located in Mother's offices. We are directly connected to our datacentres via high capacity fibre, meaning huge amounts of data are transferred very quickly every night.

By default, the retention period on all off-site data is 30 days. This can be increased on request. We also perform monthly or quarterly tape backups for customers who want to archive data for longer periods of time.

In the event of a failure, Mother will have your data restored to anywhere you'd like the same day.

VMware vSphere

The most robust and secure virtualisation platform in the industry.

High Availability

vSphere maximises uptime across the virtualised infrastructure, reducing outages and planned downtime for server and storage maintenance.

Replication

Virtual machines are replicated across multiple SANs eliminating the dependency on any single storage device.

Off-Site Disaster Recovery

Everything is backed up to a secondary site, securing your data in the event of a catastrophic failure.

Backup Retention

Off-site backups are retained for 14 days by default.

Archives

Archive to tape service available.

Co-location Datacentres
- Aberdeen
- Dundee
- Edinburgh
- Glasgow