

Backup & Restore

Risks to mission-critical data include hardware and software failure, file system corruption, accidental deletion, virus infection, theft, sabotage and natural disasters. Consequently, data loss is more of a "when" than an "if".

M9 Systems data services incorporate the latest in technology, providing all the components to create a flexible and robust backup solution for any configuration, while maintaining affordability for the small to mid-sized company. Non-disruptive database backups can take place on a schedule that your business requires - even without having to take critical data off line.

Our backup designs can take advantage of SAN and NAS technologies, dedicated backup-to-disk data protection techniques, as well as the more typical tape-based implementations.



Our service includes:

- Design of a data transfer strategy that meets your required backup and restore windows
- LAN-free Backup on SAN
- LAN-free Backup on NAS
- Backup-to-Disk
- Performance of scheduled backups
- Tape media management based on defined retention policies
- Management of offsite vaulting strategy
- Tape restore management
- Execution of on-demand backups of volumes, files and database applications
- Tape library sizing as your storage requirements change
- Monitoring of tape resource utilization to identify potential problems
- Creation of duplicate tape volumes for increased data protection

The Benefits:

High availability
Reduced operations costs

The specifics will depend on your Recovery Time Objective (RTO).

As part of our complete **Disaster Recovery** planning service we can help you understand what is most appropriate, including the implementation of high-availability server configurations where data is held on dedicated disk. This allows tape drives and automation systems to focus on archival functions. Backup is freed from many of the limitations associated with the real-time use of tape, while retaining tape's economic and archival advantages.

