

Storage Assessment



With more than 30 years experience in storage, we understand how fundamental it is to the infrastructure of every organisation. How many businesses have a clear understanding of their storage environment's performance levels and capacity, and how it impacts their operations? We can help you understand how your storage environment is performing and determine the most suitable types of storage you may require going forward.



The Service

Our storage assessment gives you a clear view of your storage environment and enables you to plan for increases or changes in workload and capacity. We can help identify where bottlenecks and hot spots may be affecting storage performance (IOPS and Latency) and examine file sets to determine how to optimise storage resources.

Our experienced consultants guide you through every step of the process, taking the time to fully understand your environment and recommend tactical and strategic solution options. We have the in-house skills to manage and deliver professional services across a broad range of leading vendor solutions.



Service Deliverables include:

With our multi-vendor capabilities and storage expertise, we can tailor our service to suit your organisation's environment. Typically, this includes a report detailing the storage environment, highlighting risks or gaps in a risk matrix and outlining tactical or strategic recommendations for improvement.

- **Application review:** identifies the dependencies between business systems and critical business workflows to determine the level of integration required with potential or existing storage resources. It includes platform requirements, hardware specification and operating system requirements, data storage management and controls, business continuity and disaster recovery policies and requirements, current usage and network requirements.

- **Organisational review:** policies, procedures and regulations that may impact the storage environment must be consistent with your organisation's requirements. The review outlines what is needed in terms of availability, uptime, performance and expectations.

- **IT architecture and design review:** in this phase of the assessment, the MTI consultant may examine a number of infrastructure elements. They include network topology, bandwidth usage and capability, virtualisation capability, key assets, data storage and operation, administrative controls for the business owner and cloud utilisation and compatibility.



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Outcomes & Benefits

Our storage assessment service provides a wide range of benefits for you. They include:

- **Tailored to you:** provides a concise and accurate view of your current storage environment.
- **Performance and capacity:** highlights any performance and capacity issues affecting your storage infrastructure.
- **Future requirements:** identifies the minimum requirements for any new platform moving forward.
- **Application performance:** helps you understand how to improve application performance for monolithic and modern apps.
- **Road map and migration:** outlines and details a migration strategy for a future storage environment if required.
- **Immediate requirements:** highlights any immediate requirements you may need to undertake to improve your storage environment.
- **Data security:** identifies where and how you can improve data security.
- **Disaster recovery and business continuity:** helps you understand how to provide more effective DR and BC capabilities.
- **Peace of mind:** provides reassurance that the storage environment meets your requirements.
- **Consumption models:** examines the different methods of consuming storage, whether that be Capex, Opex or as-a-Service, giving you the option to choose the one that suits your requirements best.
- **Design:** if the assessment requires you to design a complete solution or redesign elements of the environment, MTI can provide this through our *Storage Solution Design Service*.



Why MTI?

Our heritage and pedigree in storage goes back over 30 years during which time we have successfully deployed hundreds of systems, ranging from simple direct attached arrays to multi-site, highly available, stretched environments. Our experience and expertise can help ensure that your storage environment protects and recovers your data in the face of modern security challenges, outages and unexpected events.

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