



TRIFORCE STORAGE SOLUTIONS BRIEF

DELIVERING TECHNICAL INNOVATION — Where Anything is Possible

The New Era of Storage and Data Management

The data landscape is changing very rapidly, with 90% of today's data created in the last 2 years. Legacy storage systems simply can't meet new demands. Organisation's expectations are also changing with the need to use the data more intelligently and gain easy access to it. To stay competitive and keep up with data demands, businesses will need to provide:

- **Seamless delivery of IT Services**
Primary storage to support all applications and data types across physical, virtual, and cloud
- **More value from information**
Information retention and analytics for archival and search within massive "big data" content repositories
- **Reduction in risk exposure**
Information protection via disk with deduplication for efficient and high speed backup/recovery

In many cases legacy systems will not be able to meet the challenge.

The Triforce Difference

Triforce have a dedicated team of enterprise storage specialists who have over 30 years of experience working in and with Tier 1 Storage vendors. Our team can provide your organization with vendor-agnostic advice on solutions to meet your requirements. We will invest time to understand your business, assess all available options and recommend the best solution.

Triforce Services

As an end to end system integrator with a wealth of experience, certified enterprise storage consultants and engineers, Triforce offer the following services to support businesses in designing, deploying and managing storage environments aligned to your business needs;

- Data Profiling and Assessment of storage requirements
- Design services – SAN environment architecture design
- Implementation Services for multivendor SAN technologies and integration into existing systems
- Back up – Deduplication/Compression - Offsite tape storage (tape conversion)
- Replication Solutions
- Storage Recentralisation
- Storage / Server consolidation
- SAN and Data Managed Services – incident management, 24x7 monitoring, capacity management, preventative support services

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**TRIFORCE**TM
Reliability, Availability, Service

Data Protection & Back Up Solutions

Triforce can help you solve the perennial problem of backup reliability and effort and answer some of these questions with you;

- Is a disk-based solution the answer?
- Would you like to empower your users to restore their own data?
- Will deduplication solve your problems?
- Will you still need tape?
- What about your offsite tape storage – can it be converted, compressed, migrated?

Replication Solutions

Data replication to Disaster Recovery sites used to be for the Enterprise customer only. With reduced communication line costs and features in mid-range and SMB arrays it is now in the reach of the masses. Triforce can help you assess modern solutions and decide what is in your budget.

- What is your rate of data change?
- What are your Recovery Time and Recovery Point Objectives?
- What is the cost of a mission critical application being unavailable for 1 hour?
- What size link would be required to facilitate replication – synchronous or asynchronous?
- Do it yourself or use a service provider?
- What are the costs, pros and cons?

Storage Recentralisation

With the reduction in the cost of communications links, new multi-tenanted arrays and Quality of Service features in modern arrays, many customers question the Decentralisation strategies they put in place over the last 10 years.

Triforce can assist with:-

- Understanding the benefits of centralized vs. decentralized storage
- Analysis of link requirements and costs
- Calculating the reduced cost of centralized storage
- Ensuring that the storage solution you choose delivers true multi-tenancy and QoS for applications
- Helping to write the business case to justify the effort
- Architecting, sourcing and deploying the chosen solution

Storage / Server Consolidation

Virtualisation technologies in the server arena have driven massive physical consolidation in your datacenter. Has your storage followed suit.

Triforce can assist you to:-

- Audit your existing storage/server environment
- Understand the I/O profile of your virtual servers
- Chart the performance and capacity requirements of each unique application
- Develop a list of criteria for a potential multi-tenancy storage solution
- Evaluate multiple storage vendor solutions to meet your needs
- Source and deploy

About Triforce

Triforce provides critical, reliable IT infrastructure solutions and services to some of the top 200 ASX listed corporations. Spanning a 20 year history, Triforce has underpinned its performance with a customer orientated culture and strong engineering capability.

Triforce also prides itself on its relationship with key industry storage technology vendors such as HP (Specialized Storage and ServiceOne Partner), NetApp (Gold and Certified Delivery Partner), Symantec, Hitachi Data Systems, Commvault and Brocade.

Triforce is dedicated to architecting and delivering sophisticated infrastructure solutions and to resolving complex technical issues as well as helping to align your IT to your business objectives. Triforce is also one of Australia's leading suppliers of computing hardware, software and networking IT technology.

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