


Let ac3 manage your IT Infrastructure



ac3 provides professional management of information systems in our secure and reliable data centres.

We can also provide the IT platforms you need to run your business as a service.

Platform-as-a-Service (PaaS)

ac3 can supply enterprise-class platforms to enable you to securely operate your business applications.

The financial benefits of Platform-as-a-Service are compelling:

- **capital savings:** no need to invest in, or make provision for, expensive capital equipment
- **no maintenance:** no need to handle maintenance contracts, nor call for support in the middle of the night!
- **scalable:** no need to over-provision “just in case” — configurations can change as your business needs change
- **flexible:** monthly contracts

Managed Services

ac3 provides the following professional support either for your infrastructure or for infrastructure that we provide for you:

Systems Management

- Linux, Unix and Microsoft environments
- Proactive management and break/fix
- performance and capacity management

Networks and Security

- intrusion detection and prevention
- monitoring and managing firewalls, routers, switches
- log analysis and alerting

Database Administration

- monitoring and maintenance
- capacity planning
- performance tuning

Storage Management

- LUN provisioning and Management
- Data and media migration
- Data replication

Platform-as-a-Service (PaaS)

ac3 can provide the following enterprise-class platforms for an affordable monthly fee to run your business applications.

Virtual Servers

ac3's Virtual hosting offering, *FlexiServer*, provides the hardware and system environment to run your business applications.

Benefits of *FlexiServer*:

- **secure** — iron clad perimeter security as well as in-built intrusion detection and prevention within *FlexiServer*.
- **configurable** — with three standard configurations as building blocks
- **choice of Operating systems** — Windows, Linux (Red Hat, Centos).
- **reliable** — a server can automatically “recreate” itself if it falls over.

Storage

ac3 can provide storage for a low monthly fee. Storage requirements vary. Some storage is mission critical, while on the other hand a user may be prepared to wait hours for a query on archival storage.

ac3 provides storage-as-a-service at three tiers:

- **premium** — no single point of failure within the physical storage array and associated connectivity.
- **enterprise** — a high level of redundancy, but not to the same level as Premium Storage.
- **capacity** — for longer term data retention, or when simple capacity is required with a minimal budget.

Data Retention and Recovery

Your information is your most important asset. If your IT systems fail, your servers can be restored quickly, but what about data? It all depends on when it was last backed up and on how quickly you can restore.

ac3 offers a range of data management services including:

- disc-to-disc replication
- de-duplication
- remote site backup
- snapshot backups
- “bare metal” backups

Perimeter Security

ac3's perimeter security environment provides iron-clad security from the ravages of the Internet, and features:

- Tiered high-availability firewalls
- Intrusion Detection and Protection
- Security Event Correlation (SIEM)
- Load balancing
- FTP and Proxy services
- Secure connectivity through VPN and RAS
- Email and Web filtering



Our Data Centres

Our data centres are located on the fringe of the Sydney CBD. The data centres are far enough apart to use separate infrastructure (communications, power), but close enough to access by foot in an extreme emergency.

The data centres are:

- **highly secure:** advanced physical and logical security protect the data centres and the systems we house.
- **highly reliable:** with multiple sources of power and redundant air-conditioning.
- **well connected:** with redundant gigabit links between data centres and to the Internet, over physically diverse paths.

Professional Services

ac3 understands data centre management intimately — it is the only thing we do! We can help you in areas such as:

- virtualisation of infrastructure
- storage and backup design
- data centre relocation
- business continuity

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