Cloud Computing

Cloud computing is a hot topic in many boardrooms across the country and it appears to provide the answers to many of the problems organisations face with running a modern IT environment. Cloud computing offers the ability to scale up or down the amount of resources you require to perform computing functions both on servers and storage. The commercial model also provides the ability to pay for what you use during a given time period.

Applications can also be hosted in the cloud to provide a different support model to traditional computing. This often means applications are always the latest version and you pay a monthly ongoing fee to use the application. Cloud applications can be accessed usually in two ways either as a local hosted 'full' application, with cloud syncing capabilities, or as a web browser based application with all the data stored on cloud storage.

Our solution, options and approach

Atlas can offer cloud computing using the latest technologies for compute cycles; (virtual server), storage, networks and productivity software (Office 365).

In combination with other suppliers Atlas can offer any type of cloud required:

The Atlas Public cloud solution allows customers to make best use of 3rd party cloud offerings from companies like Microsoft Azure, Office 365 and OneDrive offerings, Amazon AWS and other cloud providers such as Box.com, whilst providing access to their existing systems

The Atlas Private cloud provides all the benefits of a cloud based solution, such as access to data and applications anytime, anywhere. As well as a PAYG charging model for both storage and virtual servers, whilst still offering the benefits of your existing applications, which may not be available on the public cloud.

The Atlas Hybrid cloud solution makes the best use of public cloud offerings, combined with private cloud and on premise data replicated storage and servers, to provide the best of both types of clouds, public and private, without compromising on data integrity and security.

Atlas can also provide a realistic and achievable roadmap for an organisation to move its' current IT infrastructure to a cloud computing architecture which best meets the organisations strategic goals and objectives.

Networking for the cloud

Cloud computing requires ultrareliable, high performance networks to connect the organisation with its cloud providers. If the network fails then organisations will be unable to run their cloud applications or access cloud data storage. As more applications and storage are moved to the cloud an organisations reliance on its networks increases dramatically. Atlas have a long history of network provision both in WAN and LAN as well as wireless networking to make sure that you have a reliable, scalable and secure network that you can rely on to provide access to your cloud based solutions. The Atlas redundant core network has provided 100% availability for our customers for many years.

Best Practice from Atlas Business Group of Companies

Atlas is ISO 27001 and ISO9001 Registered. We have been building and implementing reliable, available and secure environments for many customers over the years. This includes single or multisite data centre architectures with full server, storage and backup solutions. Our staff are experienced in Microsoft, Apple and Linux based solutions to meet our customers' requirements.

Atlas combine our UK located datacentres with our 100% available core network to ensure there are no concerns about your UK data being stored offshore and provide a compelling solution for our clients.

Deliverables, value and benefits

It is moving very quickly and architectures that were appropriate 3 years ago are already struggling to cope with the new threats and opportunities that modern IT is presenting

Atlas understands these issues and can cut through the hype to deliver reliable, performant safe computing solutions to match your business needs

Atlas delivers:

- Public cloud solutions
- Private cloud solutions
- Hybrid cloud solutions
- Bespoke datacentre architecture

By taking advantage of the most appropriate combination of cloud solutions from Atlas, organisations can take advantage of the best computing architecture to match their business goals and objectives, whilst ensuring their data and their customers' data is safe and secure within the UK.

Deliverables, Value and Benefits

The whole of 'IT' is moving very quickly, and architectures that were appropriate three years ago are already struggling to cope with both the exponential explosions of traffic volumes and data storage, as well as the new threats and opportunities that are being opened up for markets, products and services that modern IT technologies make possible.

Atlas are expert in all these issues; we cut through hype to deliver reliable high-performance and safe computing solutions to match your business needs.

At Atlas we 'Deliver', fully and unequivocally:

- ✓ Public Cloud solutions

- ✓ Private Cloud solutions

- ✓ Hybrid Cloud solutions

- ✓ Bespoke data centre services on multiple architectures

By taking advantage of the most appropriate combination of all the cloud solutions from Atlas, or client organisations achieve best-match computing architectures to their business goals and objectives. We also, (by the way!) and as an essential rather than an afterthought or added bonus, ensure that all your business data lifeblood is safe and secure within the UK.