SCC FOR EDUCATION

SCC
We make IT work

MANAGING HYBRID WORKLOADS

Hybrid Cloud

Universities are challenged to deliver an exceptional student experience within tight budgetary controls whilst adhering to legal regulations. By introducing new ways of working and managing workloads, universities can relieve budgetary pressures whilst increasing the accessibility of their IT estate.

The adoption of new operating models, such as migrating data and applications to the cloud can help to meet these challenges. Many are implementing a cloud-first strategy, however there are some key barriers to overcome, including migrating legacy systems, a shortage of technical skills and limitations in network infrastructure.

INTRODUCING HYBRID CLOUD

Hybrid cloud describes an integrated blend of on-premise private cloud and third-party public cloud services with orchestration between the platforms. By allowing workloads to move between private and public clouds as computing needs and costs change, hybrid cloud gives organisations greater flexibility and more data deployment options.

Using a hybrid cloud model allows universities to scale computing resources and eliminates the need to make large capital investments to handle short-term spikes in demand, providing a flexible commercial mechanism. Organisations will only pay for the resources they use instead of having to purchase, program, and maintain additional resources and equipment that could remain idle over long periods of time. Hybrid cloud computing is a 'best of all possible worlds' platform, delivering all of the benefits of cloud computing such as flexibility, scalability, and cost efficiencies with the lowest possible risk of data exposure.

Without the need to purchase and install infrastructure, universities can often deploy applications in a matter of days or weeks and add capacity in minutes. An operating expenditure (OPEX) model can be very attractive as it allows for greater forward planning and transparency on IT expenditure.

SCC Universal Cloud Services (UCS) allows universities to consume cloud services on a pay-as-you-go model, selecting services from a variety of cloud providers to best suit workload requirements. UCS is available as a managed service, allowing cloud consumption from multiple providers, with visibility through one management platform and one consolidated monthly bill.

Why Partner with SCC?

By partnering with us, we can help universities co-locate workloads that are not yet cloud ready as well as workloads that will never be viable for migrating to cloud. This enables you to have a true hybrid cloud approach, utilising on-premise, co-location and other cloud offerings, such as:

- On-premise platforms, co-location and hybrid
- Private Cloud (Cloud+)
- SCC Sentinel (securing data to official/sensitive security standards)
- Public Cloud
- Multi-Cloud.

Working alongside universities, SCC provide consultancy services based upon our extensive public sector experience, advising on which workloads are best suited to a cloud environment to help deploy the optimum model for applications, security requirements, and budget.

KEY FEATURES

SCC provides expert advice on what cloud solution would best fit your organisation. We can help you with:

- Licensing options
- Migration
- Integration services
- Training
- Security and governance

KEY BENEFITS

Cloud removes contract lock-ins and provides a host of other benefits including:

- Increased flexibility/scalability
- Disaster recovery made simple
- Automated software and security updates
- Cash-flow friendly OPEX model
- Reduced environmental impact
- Shift from systems to services
- Increased collaboration, speed of change/innovation, and increased service availability.

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