

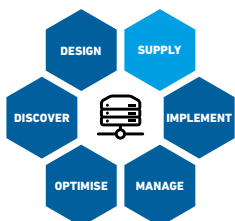
Cloud+

Data Centre Modernisation

Cloud+ hosted server workloads deliver secure, highly available data centre grade server hosting infrastructure – providing for rapid deployment of services and the scaling of IT resources, shortening development times and reducing implementation costs.

Your Challenges

- When it comes to cloud, the biggest challenge is not the technology – it is the people and processes that need to adapt to the technology. This takes time and effort, limiting the effectiveness of cloud adoption.
- The reasons for cloud adoption are varied: flexibility, agility, performance, cost and digital transformation being just a few. Many organisations often struggle because they lack a clearly defined strategy.
- The restrictions of resources and the need to provide new projects to support business strategy with limited budgets poses increasing pressure on organisations.
- Often current systems, particularly systems of record (the backbone of an organisation's operations), are not cloud-ready. The biggest challenge for organisations is to connect legacy systems with more recent cloud-based applications.



Our Solutions

A move to an SCC Cloud+ utility platform removes the need to budget capital expenditure for your hosted server environment. There is no reason to ever replace hardware or invest in increased storage infrastructure or budget to maintain this equipment.

Such a change frees up space and equipment from your internal computer room or existing hosting provider and allows potential redeployment of your current equipment and technical resource to more business-critical applications. Our investment in enterprise class, high performance storage infrastructure is hugely scalable storage and can be increased on demand as your requirements change.

SCC's Cloud+ will enable you to move away from your current hosting and infrastructure services, providing you with a private cloud location for non-public cloud ready applications or applications that cannot be migrated to public cloud and will remain permanently in Cloud+.

Cloud+ can be a staging area as you migrate services to public cloud. Once the services are in SCC they will undergo a series of assessments that will identify how best to move the services and applications to Azure. Using our proven methodology, we will provide a holistic view of your estate, focusing on the challenges, costs, and risks associated with adopting public cloud.

How we do Things

SCC Cloud+ is hosted in our own data centre that can provide facilities for hosting legacy equipment that cannot be virtualised.

From our data centre we offer Cloud Interconnect Services that provide a secure private wide area network connection to applications and services hosted within public clouds. The service delivers cloud inter-connectivity to allow you to leverage multi-cloud infrastructure.

Cloud+ Services deliver cloud-based computer services based on a consumption model. This allows you to host services in an enterprise data centre environment without the large capital costs usually associated with such environments. Cloud+ provides rapid deployment of services and the scaling of IT resources, shortening development times and reducing implementation costs.

Our Cloud+ platform is housed within an SCC-owned UK data centre, built to TIER 3 standards. To provide additional levels of availability and redundancy, we offer the option for a dual site implementation, utilising a secondary data centre as a warm standby facility for customer's services.

Offerings & Options

- A range of hosted networking, compute and storage offerings hosted within a Tier 3 data centre
- Multi-Tenant or Private Cloud Hosted Virtual Servers with dedicated Physical server options
- IaaS or PaaS (Fully Managed) type servers
- Self Service IaaS provisioning for Cloud+ Agile customers
- Storage as a Service and Backup as a Service offerings
- Built on highly resilient enterprise class infrastructure
- The Service is available as two Service Levels: Standard and Enhanced. Both deliver scalable, resilient Data Centre grade, virtual server hosting, with the Enhanced service extending the availability of your critical services by maintaining standby infrastructure and data replication to a secondary Data Centre with rapid failover capability.

Why Partner with SCC?

We help you by planning, supplying, integrating and managing your IT. For more than 40 years, we've been trusted to run IT infrastructure and services for leading businesses across Europe. In that time, SCC has invested more than £60 million in data centre and cloud services, the principal piece of our end-to-end managed services.

Our Cloud Credentials

- Over 2,800 Tier3+ racks
- Cloud Interconnect Services
- 20MVA of power to SCC owned Data Centres
- Cloud based virtual servers > 1,200
- Cloud based storage > 600Tb

Features

- Server Operating System
- Anti-Virus Provision for Microsoft Windows workloads
- Fully managed infrastructure platform
- Monitoring of platform availability and performance
- Capacity and availability reporting
- 24/7/365 service desk and technical support

Benefits

- Fully managed enterprise grade infrastructure hosted within a Tier 3 standard data centre
- High levels of security and availability
- Selection of deployment options for almost every type of workload
- Utility-based model allows rapid provisioning and de-provisioning of servers to meet business demand.
- Multiple processor architecture options

Service Options

Shared Cloud

Shared Cloud Servers are based on a base specification which can be expanded with incremental CPU, Memory and Storage options. Shared Cloud servers are available for Intel x64 architectures only.

Base Virtual Server Specification

- 1 vCPU
- 2Gb RAM
- 100GB Hard Desk for Operating System

Additional CPU

- Server can be upgraded with additional CPUs up to a maximum of 8 CPUs

Additional Memory

- Virtual services can be upgraded with additional memory up to a maximum of 64Gb

Additional Storage

- Additional storage can be added to virtual servers either by expanding the operating system disk or by the addition of separate disks

The Cloud+ Agile

- This service provides virtual servers delivered on a secure shared cloud platform. Servers are provided on highly resilient shared infrastructure to an availability SLA of up to 99.99%.
- The service is delivered via a Virtual Private Cloud (VPC) subscription mechanism. Each customer purchases one or more subscriptions, with each subscription having an allocated quantity of compute and storage resources. The customer may provision, reconfigure or de-provision virtual machines within their subscription(s) as they desire but cannot exceed the allocated compute and storage in any one subscription.

Private Cloud

- Private Cloud solutions provide a bespoke dedicated Private Cloud comprised of dedicated hypervisor hosts and Cloud+ Storage with a choice of hypervisor. Available in a range of sizes with a choice of Intel x64, IBM Power or Oracle SPARC architecture.

Physical Servers

- Dedicated physical services are available in a range of sizes with a choice of Intel x64, IBM Power or Oracle SPARC architecture.

Dual Site Options

- Where increased availability is required SCC offers a dual -site option where services are replicated and failed over to a second data centre in the event of a loss of the primary data centre.

Supported Operating Systems

The following operating systems are supported, please contact SCC if your chosen operating system is not listed to discuss compatibility.

Intel x64 Architecture

- Microsoft Windows Server
- Linux (Redhat, CentOS, Oracle)

IBM Power Architecture

- IBM AIX
- IBM System i
- Linux (Redhat, SUSE, Ubuntu)

Other SPARC Architecture

- Oracle Solaris

Associated Services

- Cloud+ Desktops Secure, available, cloud hosted end-user compute services
- Cloud+ Protect
- Backup as a Service
- Cyber Security Service

Managed WAN

- WAN services provided secure high bandwidth connectivity to SCC data centre and cloud platforms

Sentinel by SCC

- Highly secure accredited Cloud services for government and the public sector

Service Levels

Cloud+ Servers are delivered to the following service levels:

- Shared Cloud Availability up to 99.9%
- Cloud+ Agile Availability up to 99.99%
- Private Cloud Availability 99.5% single server
- Physical Server Availability 99.5% single server



All enquiries : online@scc.com

Further info : scc.com

Call our team : **0121 766 7000**

