G-Cloud Infrastructure-as-a-Service

Secure scalable pay as you use cloud services

The trusted way to deploy your IT

Not all Infrastructure-as-a-Service (IaaS) is the same. As a buyer you should take great care in selecting your provider, ensuring that the service offerings match your service requirements, minimising your expenditure and that your data remains secure.

Consuming Infrastructure-as-a-Service
Your IT function delivers value in understanding your organisations functions and delivering business applications that drive efficiency and productivity.

Studies have shown that managing IT infrastructures takes more than 70% of your IT operational budget. Cloud Infrastructure-as-a-Service reduces this burden, but leaves much of the control of the operating system and application environment back with your IT administrative organisation.

SCC’s Infrastructure-as-a-Service is designed to relieve the dependence of this management and control, utilising our expert resources to provide fully managed secure services so your IT staff need only concentrate on delivery of the application.

Security Considerations
Sentinel by SCC not only provides faster IT implementation but also keeps your data secure up to OFFICIAL (or IL2 and IL3) security standards, as the most established and cost-effective Cloud solution from the first Pan-Government accredited provider.

Customers and Independent Software Vendors (ISVs) can take advantage of IaaS to enable rapid solutions deployment with the assurance that accreditation is in place, CESG Security Principles are delivered, and that both time and money is being saved.

Our IaaS has been developed to deliver security that exceeds Good Practice Guides issued by CESG. And our tailored management solutions are designed to maintain compliance throughout evolution.

Managing the Infrastructure
Government security guidance published by the Cabinet Office states: “The security of cloud services and the data held within them can be undermined by poor use of the service by consumers.”
The extent of the responsibility on your IT organisation for secure use of the service will vary depending on the deployment models and service functions of the cloud service, specific features of an individual service and the scenario in which the consumers intend to the use the service.

The guidance also states:
- “The service provider should have processes and procedures in place to ensure the operational security of the service.”
- “Consumers have certain responsibilities when using a cloud service in order for their use of it to remain secure, and for their data to be adequately protected.”

SCC’s Infrastructure-as-a-Service is wholly managed by security cleared personnel, 365 days per year, 24 hours per day, meaning you do not require the technical skills or operational support that is often expensive to provide and maintain.
Levels of Managed Service

SCC’s Infrastructure-as-a-Service will be operated and managed securely in order to detect, impede or prevent attacks against it. The following are important aspects of this principle:

- **Configuration and change management** – ensuring that changes to the system do not unexpectedly alter security properties and have been properly tested and authorised
- **Protective monitoring** – taking measures to detect attacks and unauthorised activity on the service
- **Incident management** – ensuring the service can respond to incidents and recover a secure available service

We take the responsibility for these elements to ensure that you can be confident the service remains assured and compliant with the current security guidance.

Sentinel by SCC

You hold sensitive Public Sector data – Sentinel protects it. Sentinel is the most established Pan-Government Accredited platform. The Infrastructure-as-a-Service solution is built on this platform and allows your IT administrators to install their applications to access the sensitive Public Sector data that Sentinel was designed to protect – securely.

The Sentinel platform also supports your wider Infrastructure-as-a-Service, Platform-as-a-Service and Software-as-a-Service needs to speed deployment of desired business outcomes.

Service, not just servers

Moving to the Cloud takes a combination of technology management, service management and solid transition planning and management to extract and maintain the value of the cloud infrastructure services.

SCC is a full-service IT organisation offering service, not just servers, to realise the full benefits that drew UK Government to the cloud in the first place.

Award-winning Data Centres

Our IaaS platform is housed within our protected, Tier 3+ Data Centres based in the UK, which are trusted to help run the UK’s critical national infrastructure.

A trusted partner

SCC has delivered IT solutions across the Public Sector and understands the unique needs, pressures, risk mitigation strategies and deployment methodologies to help organisations optimise and deliver the services they need.

SCC has been at the forefront of the Governments new digital IT strategy and has been on the G-Cloud framework since its inception as the first Pan Government Accredited Cloud provider.

Engaging with SCC’s specialist cloud team, you will receive thought-leadership and the knowledge and experience of all our engagements across the new disaggregated service approach being adopted across the Public Sector.

Further Information

To view our services on the Digital Marketplace go to https://www.digitalmarketplace.service.gov.uk/service/5207458498740224

Keeping public sector data **secure.**

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