

C2 and SA Applications and Interoperability Standards Cloud Services Service Definition for G-Cloud 13

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Figure 1. The Carbon60 Crown Commercial Service Consortium holds these accreditations

What are Carbon60 C2 and SA Applications and Interoperability Standards Cloud Services?

G-Cloud has been heralded as a way to get a better deal for the public sector on IT. Most organisations already understand the basic concepts of cloud computing and can see how it will offer increased business flexibility whilst delivering value for money solutions. However, it is confusing, nebulous and they are not sure how to maintain the security of their information in this environment. Carbon60 has worked with MOD and affiliated organisations to effectively achieve the benefits that Cloud Computing can deliver, whilst minimising risk. Our services include:

- Capability support for Communications Information Systems (CIS).
- Command, Control, Communications, Computers and Intelligence (C4I).
- Intelligence, Surveillance, Target Acquisition and Reconnaissance (ISTAR).
- Information Security Consulting.
- Virtualised solutions to take military IT into the next generation whilst ensuring security of information and ease of access and use by our clients.
- Cyber Security consultancy, including design of e-learning. Support to fixed, mobile, deployed and operational systems.
- Support to open source and military Messaging and Communications.
- Cloud Security Services.

We support existing maritime, air and land systems, enabling the MOD front line commands to procure easy to use, secure commercial solutions for many of their C4ISTAR and C4ISR requirements. We have delivered significant savings to the MOD, making key front-line staff available for core military functions.

Information Security

Carbon60 Cyber Security Services include the following features:

- Cyber Reconnaissance/Risk Assessment. Rapidly identify areas of cyber risk.
- Technical Security. Providing Technical Risk mitigation services.
 - IT Health checks. CHECK/CREST accredited penetration and remote access testing via our partnered suppliers.
 - Secure Engineering. Infrastructure/application design, implementation and testing.
- Management Security. Providing Management Risk mitigation services.
 - Consulting. CCP, Information Assurance, Information Risk, Accreditation, Social Engineering.

- Procurement and Auditing. ISO27001, PCI DSS, Software/Hardware Procurement.
- Human Security. Providing Human Risk mitigation services.
 - Training. Provision of user, executive and custom training packages.
 - Resourcing. Provision of consultants, technical specialists & project/Programme leads.

Technical Expertise

Our consultants deliver specialist technical support across a number of capabilities including:

- Cross domain exchange support
- Secure data cleansing
- Independent safety advice/assurance
- Training design, documentation and delivery to MOD standards
- Information Superiority in the support environment
- Oracle (OBIEE) and remote Command System Support
- SCIDA activity
- Information Assurance
- Database Management
- IT Management and
- Secure Video Tele-Conferencing (VTC)
- CIS and Information systems Training support

We provide 1st, 2nd and 3rd line support of ICT / CIS infrastructure, communications and software solutions via remote or embedded Helpdesk, Service Desk and Contact Centres.

Project Management and Support

Carbon60 experts work with the customer to develop CONEMPS, CONOPS and Concept and Doctrine requirements. Our Maritime System Information Superiority experts and Situational Awareness engineers are developing cloud-based services to enable an accurate, real time intelligence picture generation through robust multi-source data processing, track data fusion and layered graphic real time display. Our “as a Service” model allows the customer to pay for services delivered, with no hidden or added costs. Programme and Project Managers have a professional and pragmatic approach and are qualified in recognised methodologies. Carbon60 supports programmes through our Project Support Offices, utilising Project Managers with direct experience of running MOD projects and programmes.

The Carbon60 Project leads have significant Service Management and IT Governance expertise, aligned to ITIL best practice guidelines covering following areas:

- ITIL Consultancy.
- Financial Management.
- Process Governance.

- IT Strategy & Business Transformation. Incident and Problem Management.
- Change Management Using current methodology such as PRINCE2, Agile and MSP.

Service Based Solution

Carbon60 understand the need to drive projects, manage the issues arising and deliver on time and within budget. Carbon60 helps its Defence clients define a Security strategy for Cloud services. We provide experienced independent Consultants who can provide the knowledge required to assure Cloud services in line with current guidelines. This includes potentially complex scenarios involving cross domain solutions and highly sensitive data. They review and help define strategies around:

- Risk Management.
- Solution Assurance.
- Security Architecture.
- Application Security.
- RMADS production.
- Policy development.
- Governance Cloud Security Services (Defence).

We can provide governance and compliance services, to meet the complex management requirement of properly maintaining an Information Security Management System in the Cloud. Carbon60 has been working with MOD clients over 10 years, helping them achieve the benefits of the Cloud.

Why Carbon60?

Experience

Carbon60 has over 40 years' experience providing consultancy and specialist technical services to the aviation and defence industries. We are proud to be part of the Impellam Group of companies (the second largest people business in the UK) as their technical services brand. Providing consultancy, staffing and workforce solutions, Impellam is a £2.2bn turnover company and has 2,500 employees across 15 specialist brands, from 76 worldwide locations.

We have been working with public sector clients for over 40 years, helping them develop and exploit ICT, Systems and Communications Solutions whilst minimising the risks and challenges these present. We will help you define and build security architecture and help you maintain the levels of assurance you require in order to conduct business in a digital environment.

Sector Knowledge

Carbon60 works in a number of markets including the Public Sector and Defence. A supplier of services through the CCS Frameworks, our call off contract customers include Ministry of Defence Front Line Commands, DE&S, Local Councils, a number of Defence Primes, and OGD's. Carbon60 is a Facility Security Cleared (previously known as List X) organisation and all our consultants are SC or DV cleared. This provides the assurance our customers expect regarding compliance against security standards.

Strength in Depth

Carbon60 may use delivery partners in support of specialist requirements. Our partners are carefully selected against strict quality processes and for the benefit and breadth of experience they bring to our clients. To ensure high availability and consistently high quality, we have working partnerships with several market leading organisations.

Customer Commitment

Carbon60 has been a G-Cloud supplier since the first iteration of the Framework in February 2012. We contract through Cloud Support on the Digital Marketplace, which enables significant cost savings for its users. A lean and agile organisation, we specialise in making the purchasing of services quicker, easier, cheaper and more transparent for the Defence market.

As customer's requirements change, we work with them to adapt and develop projects throughout the lifecycle, ensuring cost effective and timely solutions. Carbon60 Consultants will agree an appropriate cost-effective approach with you at the time of engagement, scoping the requirement and advising on actions required.

Each customer can be assured of the quality of Carbon60's consultants and overall service commitment. It is recognised that every organisation is different, and we will work with the customer from the outset to align the services and Consultant skills to the business need using the most appropriate and cost-effective approach. This will continue throughout the engagement to ensure high quality services are provided at all times.



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