

Call-Off Schedule 9 (Security)

Part B – Annex 1:

Baseline security requirements

1 Handling Classified information

- 1.1 The Supplier shall not handle Buyer information classified SECRET or TOP SECRET except if there is a specific requirement and in this case prior to receipt of such information the Supplier shall seek additional specific guidance from the Buyer.

2 End user devices

- 2.1 When Government Data resides on a mobile, removable or physically uncontrolled device it must be stored encrypted using a product or system component which has been formally assured through a recognised certification process of the UK Government Communications Electronics Security Group ("CESG") to at least Foundation Grade, for example, under the CESG Commercial Product Assurance scheme ("CPA").
- 2.2 Devices used to access or manage Government Data and services must be under the management authority of Buyer or Supplier and have a minimum set of security policy configuration enforced. These devices must be placed into a 'known good' state prior to being provisioned into the management authority of the Buyer. Unless otherwise agreed with the Buyer in writing, all Supplier devices are expected to meet the set of security requirements set out in the End User Devices Security Guidance (<https://www.ncsc.gov.uk/guidance/end-user-device-security>). Where the guidance highlights shortcomings in a particular platform the Supplier may wish to use, then these should be discussed with the Buyer and a joint decision shall be taken on whether the residual risks are acceptable. Where the Supplier wishes to deviate from the CESG guidance, then this should be agreed in writing on a case by case basis with the Buyer.

3 Data Processing, Storage, Management and Destruction

- 3.1 The Supplier and Buyer recognise the need for the Buyer's information to be safeguarded under the UK Data Protection regime or a similar regime. To that end, the Supplier must be able to state to the Buyer the physical locations in which data may be stored, processed and managed from, and what legal and regulatory frameworks Government Data will be subject to at all times.
- 3.2 The Supplier shall agree any change in location of data storage, processing and administration with the Buyer in accordance with Clause 14 (Data protection).
- 3.3 The Supplier shall:
 - 3.3.1 provide the Buyer with all Government Data on demand in an agreed open format;

- 3.3.2 have documented processes to guarantee availability of Government Data in the event of the Supplier ceasing to trade;
- 3.3.3 securely destroy all media that has held Government Data at the end of life of that media in line with Good Industry Practice; and
- 3.3.4 securely erase any or all Government Data held by the Supplier when requested to do so by the Buyer.

4 Ensuring secure communications

- 4.1 The Buyer requires that any Government Data transmitted over any public network (including the Internet, mobile networks or un-protected enterprise network) or to a mobile device must be encrypted using a product or system component which has been formally assured through a certification process recognised by CESG, to at least Foundation Grade, for example, under CPA.
- 4.2 The Buyer requires that the configuration and use of all networking equipment to provide the Services, including those that are located in secure physical locations, are at least compliant with Good Industry Practice.

5 Security by design

- 5.1 The Supplier shall apply the 'principle of least privilege' (the practice of limiting systems, processes and user access to the minimum possible level) to the design and configuration of IT systems which will process or store Government Data.
- 5.2 When designing and configuring the ICT Environment (to the extent that the ICT Environment is within the control of the Supplier) the Supplier shall follow Good Industry Practice and seek guidance from recognised security professionals with the appropriate skills and/or a CESG Certified Professional certification (<https://www.ncsc.gov.uk/articles/cesg-certification-ia-professionals-and-guidance-certification-ia-professionals-documents>) for all bespoke or complex components of the ICT Environment (to the extent that the ICT Environment is within the control of the Supplier).

6 Security of Supplier Staff

- 6.1 Supplier Staff shall be subject to pre-employment checks that include, as a minimum: identity, unspent criminal convictions and right to work.
- 6.2 The Supplier shall agree on a case by case basis Supplier Staff roles which require specific government clearances (such as 'SC') including system administrators with privileged access to IT systems which store or process Government Data.
- 6.3 The Supplier shall prevent Supplier Staff who are unable to obtain the required security clearances from accessing systems which store, process, or are used to manage Government Data except where agreed with the Buyer in writing.
- 6.4 All Supplier Staff that have the ability to access Government Data or systems holding Government Data shall undergo regular training on secure information management principles. Unless otherwise agreed with the Buyer in writing, this training must be undertaken annually.
- 6.5 Where the Supplier or Subcontractors grants increased ICT privileges or access rights to Supplier Staff, those Supplier Staff shall be granted only those

permissions necessary for them to carry out their duties. When staff no longer need elevated privileges or leave the organisation, their access rights shall be revoked within one (1) Working Day.

7 Restricting and monitoring access

- 7.1 The Supplier shall operate an access control regime to ensure all users and administrators of the ICT Environment (to the extent that the ICT Environment is within the control of the Supplier) are uniquely identified and authenticated when accessing or administering the Services. Applying the 'principle of least privilege', users and administrators shall be allowed access only to those parts of the ICT Environment that they require. The Supplier shall retain an audit record of accesses.

8 Audit

- 8.1 The Supplier shall collect audit records which relate to security events in the systems or that would support the analysis of potential and actual compromises. In order to facilitate effective monitoring and forensic readiness such Supplier audit records should (as a minimum) include:
 - 8.1.1 Logs to facilitate the identification of the specific asset which makes every outbound request external to the ICT Environment (to the extent that the ICT Environment is within the control of the Supplier). To the extent the design of the Deliverables allows such logs shall include those from DHCP servers, HTTP/HTTPS proxy servers, firewalls and routers.
 - 8.1.2 Security events generated in the ICT Environment (to the extent that the ICT Environment is within the control of the Supplier) and shall include: privileged account log-on and log-off events, the start and termination of remote access sessions, security alerts from desktops and server operating systems and security alerts from third party security software.
- 8.2 The Supplier and the Buyer shall work together to establish any additional audit and monitoring requirements for the ICT Environment.
- 8.3 The Supplier shall retain audit records collected in compliance with this Paragraph 8 for a period of at least 6 Months.