



The importance of information security

“Confidentiality is the cornerstone of the Census and must not be compromised in any way”

“The overall security measures for the 2011 Census need to address direct and indirect security threats, risks to maintaining the confidentiality of Census data, issues of public perception and risks to the Authority’s reputation.”

The approach to deliver a secure solution:

- Information risk-based
- Best practice (ISO27001 Information Security Management System)
- HMG policies and standards



Security requirements

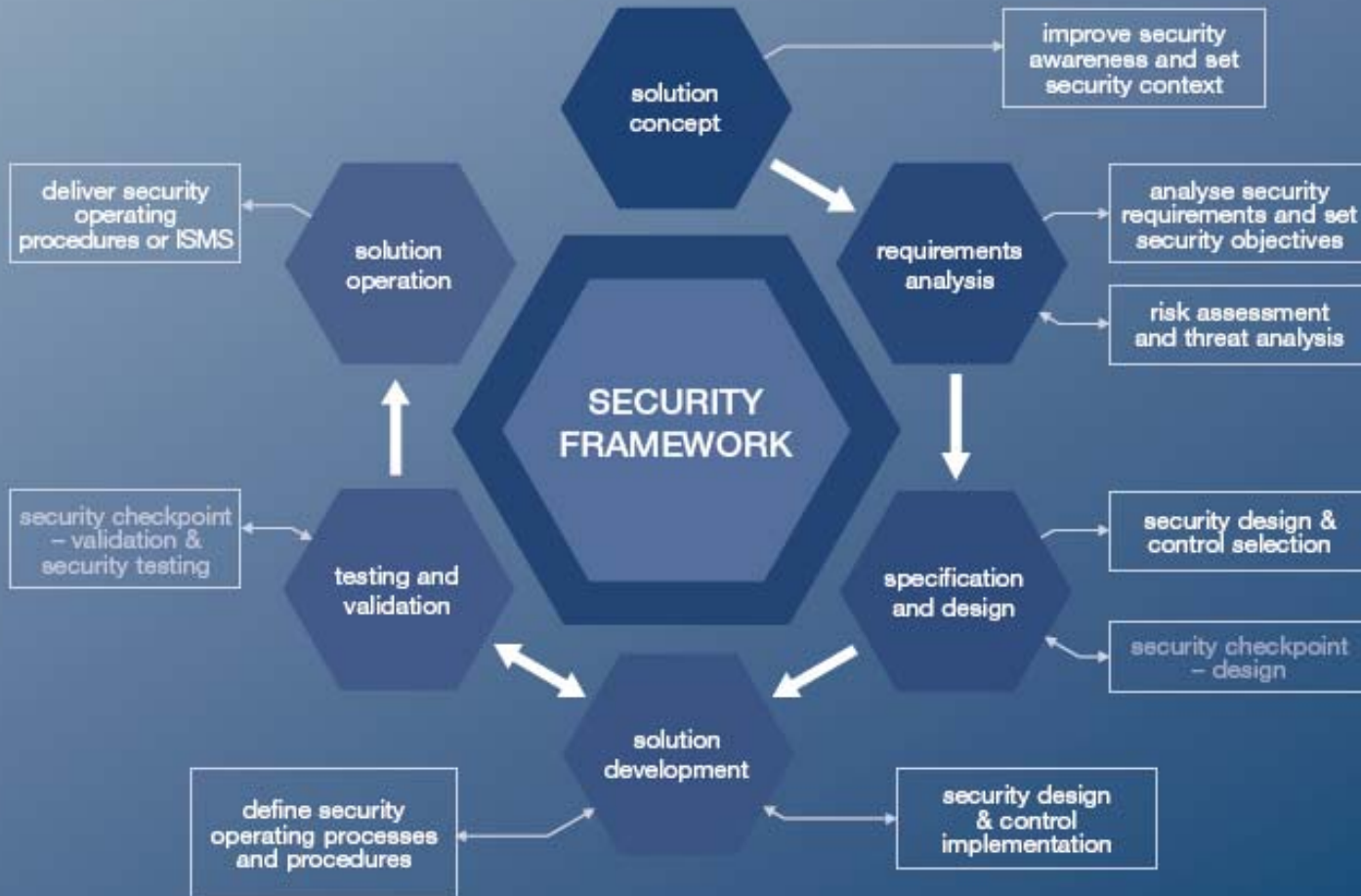
- A certified Information Security Management System (ISO27001)
 - ▶ Implementing and operating ISO27002 security controls
- Compliance with applicable Census, HMG and CESG policies and standards
- Security testing
 - ▶ Physical security/social engineering testing
 - ▶ Infrastructure testing (vulnerability scanning)
 - ▶ Web application security assessment
- Audits and compliance reviews
- Information security awareness and training



Scope of security deliverables

- Delivery of the Information Security Management System (ISMS) requirements for the defined scope
- ISO27001 certification and maintenance of certification
- Assessment of Census, HMG, CESH and other policies/standards and specification of requirements for compliance
- Reporting to GROS and/or the Information Security Forum on: ISMS status, risk assessment results, ISMS audit results, compliance monitoring results
- Operational readiness testing: assurance checks, audit/compliance reviews, physical security assessment, penetration testing and web application security testing
- Security awareness and training: training materials, induction, training sessions, awareness messages and compliance monitoring

Scottish Census 2011



- < information security policy
- < security roles & responsibilities
- < business impact analysis
- < high level risk assessment
- < establishment of security taxonomy
- < security control objectives
- < best practice standards & guidelines
- < compliance or alignment with regulatory guidelines or standards



Security through Dedication, Collaboration and Pragmatism

Dedication

Full-time Security Manager

- Supported by **dns** professional services

Collaboration

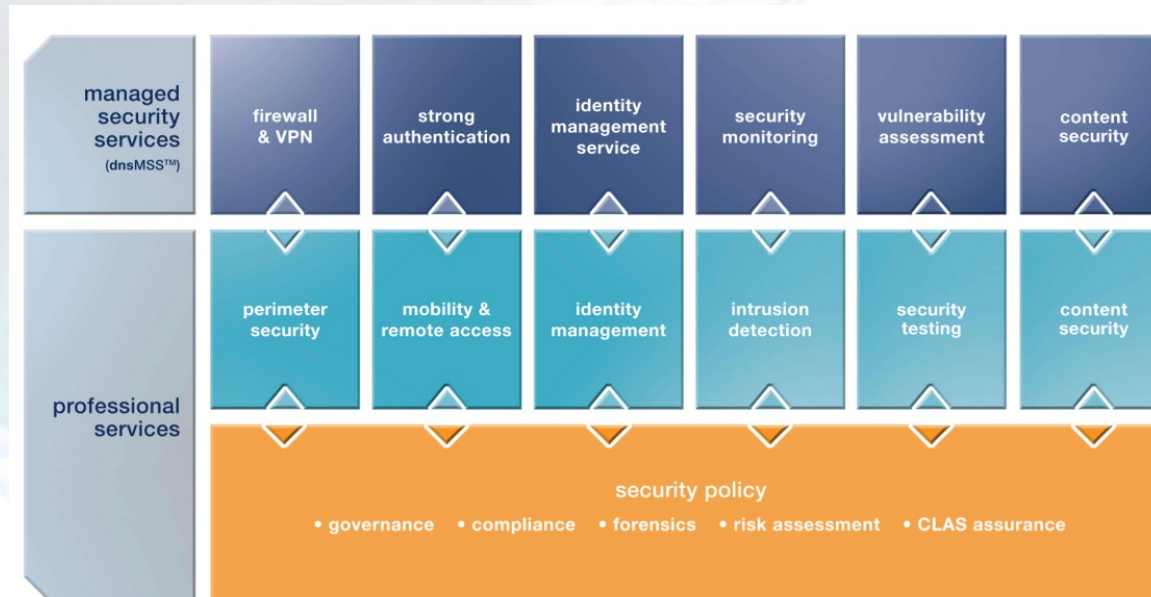
With GROS and other Census contractors

- coordinated security approach

Pragmatism

Risk-based approach to identify and mitigate unacceptable risks

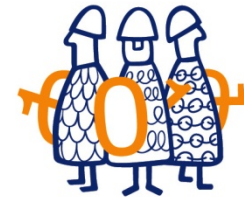
- risk management consistent with GROS risk appetite





Public confidence and trust

- Public and media awareness of data security and privacy issues has never been higher
- Minimise the chances of negative publicity and damage to the public perception of Census data confidentiality
- Engage with Scotland's best and largest specialist information security company



dns

TRUST THE EXPERTS