

# CRAMM v5.1 Information Security Toolkit



Risk assessments should identify, quantify, and prioritise risks against criteria for risk acceptance and objectives relevant to the organisation. The results should guide and determine the appropriate management action and priorities for managing information security risks and for implementing controls selected to protect against these risks.

*BS7799: 2005*

We all face risks everyday – ranging from the mundane, such as “which way shall I drive to work today?” to risks which can affect the rest of our lives, like “shall I apply for that job?” – Risk is something we all live with and feel we practice and understand.

In the Information Systems environment, new business practices – such as outsourcing, partnerships and consortiums – and new technologies, such as remote working, wireless LANs and PDAs, mean that we are constantly facing new threats and risks, and the need for additional controls.

These complexities make it practically impossible for an Information Security Officer to keep up to date without automated support and CRAMM has, for many years, been the UK Government’s preferred approach to risk assessment. Now Siemens has further enhanced CRAMM by incorporating its knowledge base from hundreds of worldwide consultancy assignments, including many successful certifications against BS7799.

CRAMM v5.1 provides fantastic value for money, and with over 600 copies of CRAMM already in use in 23 countries, CRAMM is exceedingly well proven. Supported by Siemens Enterprise wide range of services, users of CRAMM have an indispensable aid for the delivery of the ‘benchmark good practice’, set by the Information Security Forum.

#### **Understanding risk**

Corporate Governance, Turnbull and BS7799: 2005/ISO 27001 all require that a sound understanding of the risk of information assets is obtained and maintained. To do this you need to combine together a complex set of ‘risk components’, including:

- Over 400 types of asset
- More than 25 different types of impact
- 38 types of threat
- Seven different measures of risk
- A countermeasure library containing more than 3,500 detailed, but generic, controls

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