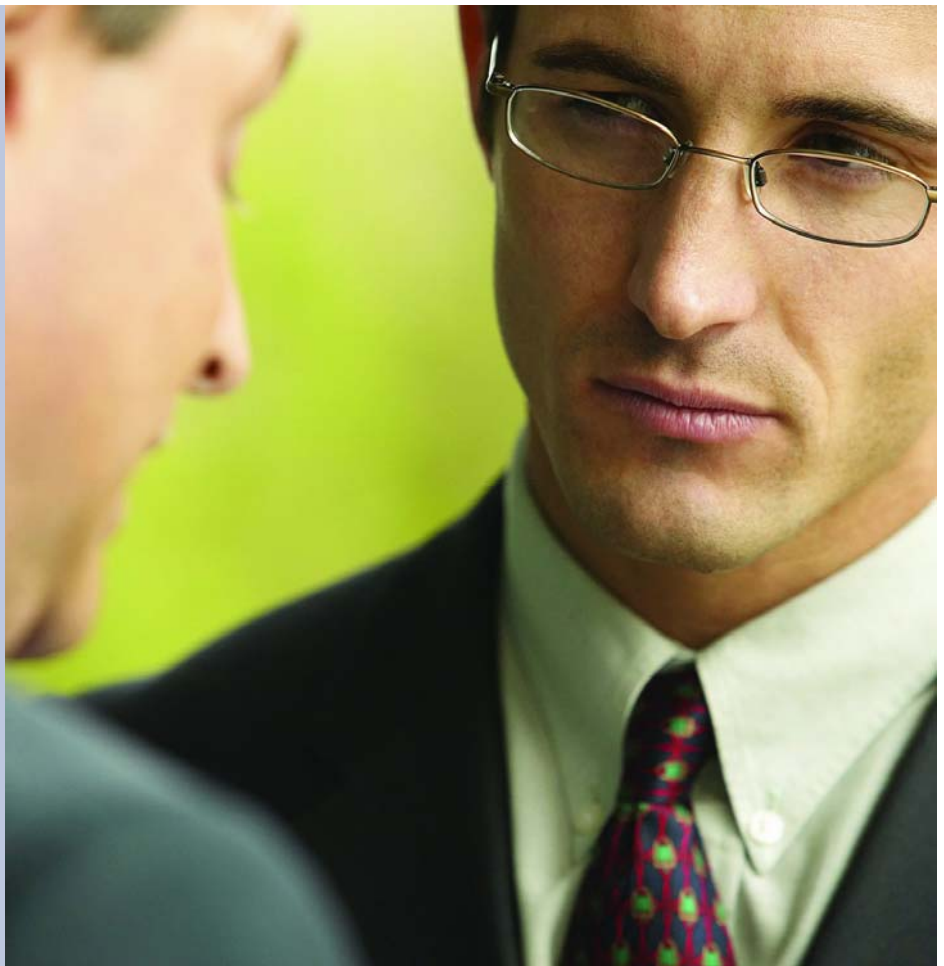


Product Application Profiles:

ISO17799 BS7799 and CRAMM



CRAMM contains tools to support the ISO17799 methodology

CRAMM provides tools that help in achieving compliance to ISO17799 (the international information security management standard) as well as formal certification to BS7799 (Part 2 standard).

Siemens has a proven BS7799 methodology, which has been used many times to guide organisations through the process of achieving compliance to BS7799 and, where required, formal certification against the standard.

CRAMM Worked Example:

A Government Agency wishes to achieve certification to BS7799

Certification to BS7799 must always be against a defined scope. A CRAMM reporting wizard was used to guide the Agency through a step-by-step process to define and document the scope of the Information Security Management System (ISMS).

A gap analysis was undertaken to benchmark the Agency against the standard in relation to each of the BS7799 controls, with the results recorded using the CRAMM gap analysis tool. The Plan, Do, Check, Act (PDCA) principles required by the standard were followed and the

CRAMM security improvement planning tool was used to create an action plan to address the weaknesses identified by the gap analysis.

A risk assessment was carried out using the CRAMM Expert risk tool and from this, some additional control requirements were identified and added to the action plan. The database of security controls within CRAMM is aligned with the BS7799 and ISO17799 control sets which made it easy to demonstrate that the additional controls selected were addressing the requirements of the standard. A risk assessment and treatment report describing how well the assessed risks were being managed was produced from CRAMM.

Many of the items on the action plan had to be addressed by business or IT managers within the Agency, e.g. improved processes for administering access rights of joiners and leavers. CRAMM reporting wizards were used to guide the development of the Agency Information Security Policy and an Interchange Agreement for sharing information with partners.

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