

23 February 2006

## SFIA Profile Explained

This report represents a detailed breakdown of your SFIA Profile using SFIA skill descriptors.

Organisation:	terry testing
Name:	employee d
Manager(s):	Terry Hook
Team(s):	Operations Team
Job Role:	Embedding Standards IT Security Co-ordinator
Profile Status:	Approved

### Identified Job Role Skills

Category	Strategy and planning
Subcategory	Advice and guidance
Skill	Consultancy

The provision of advice, assistance and leadership in any area associated with the planning, procurement, provision, delivery, management, maintenance or effective use of information systems and their environments. The consultancy can deal with one specific aspect of IT and the business, or it can be wide ranging and address strategic business issues.

#### Your Skill Level

1 2 3 4 **5** 6 7

Provides well-informed advice, typically within a specific technical specialism, ensuring that it is properly understood and appropriately exploited, to enhance the effectiveness of significant activities.

Category	Strategy and planning
Subcategory	Advice and guidance
Skill	Technical specialism

The management and provision of expert advice on a specific technical specialism. Examples of specialism can be any technology, technique, method, product or application area.

#### Your Skill Level

1 2 3 4 **5** 6 7

Maintains knowledge of specific technical specialisms, provides detailed advice regarding their application, executes specialised tasks. The specialism can be any area of information or communication technology, technique, method, product or application area.

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## SFIA Profile Explained (continued)

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### Identified Job Role Skills

Category	Strategy and planning
Subcategory	Business/IS strategy and planning
Skill	Information security

The management of, and provision of expert advice on, the selection, design, justification, implementation and operation of information security controls and management strategies to maintain the confidentiality, integrity, availability, accountability and relevant compliance of information systems.

#### Your Skill Level

1 2 3 4 5 6 7

Conducts security risk assessments for defined business applications or IT installations in defined areas and provides advice and guidance on the application and operation of elementary physical, procedural and technical security controls (e.g. the key controls defined in BS7799).

Category	Strategy and planning
Subcategory	Business/IS strategy and planning
Skill	Information assurance

The protection of systems and information in storage, processing, or transit from unauthorised access or modification. Denial of service to unauthorised users; or the provision of service to authorised users. Includes those measures necessary to detect, document and counter threats to the integrity of stored information, such as the application of firewalls and intrusion detection systems (IDS).

#### Your Skill Level

1 2 3 4 5 6 7

Investigates suspected attacks and recommends remedial action.

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## SFIA Profile Explained (continued)

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### Identified Job Role Skills

Category	Strategy and planning
Subcategory	Technical strategy and planning
Skill	Emerging technology monitoring

The identification of new and emerging hardware, software and communication technologies, products, methods and techniques and the assessment of their relevance and potential value to the organisation. The promotion of emerging technology awareness among staff and business management.

#### Your Skill Level

1 2 3 4 5 6 7

Monitors the market to gain knowledge and understanding of currently emerging technologies. Identifies new and emerging hardware and software technologies and products based on own area of expertise, assesses their relevance and potential value to the organisation, contributes to briefings of staff and business management.

Category	Strategy and planning
Subcategory	Technical strategy and planning
Skill	Methods and tools

Ensuring that appropriate methods and tools for the planning, development, operation, management and maintenance of systems are adopted and used effectively throughout the organisation.

#### Your Skill Level

1 2 3 4 5 6 7

Provides expertise and support on use of methods and tools.

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## SFIA Profile Explained (continued)

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### Identified Job Role Skills

Category	Development
Subcategory	Systems development
Skill	Systems design

The specification and design of information systems, their components and architecture to meet defined business needs.

#### Your Skill Level

1 2 3 4 5 6 7

Recommends/designs structures and tools for systems which meet business needs. Delivers technical visualisation of proposed applications for approval by customer and execution by system developers. Translates logical designs into physical designs and produces detailed design documentation. Maps work to user specification and removes errors and deviations from specification to achieve user-friendly processes.

Category	Development
Subcategory	Installation and integration
Skill	Systems integration

The incremental and logical integration and testing of components and/or subsystems and their interfaces in order to create operational systems.

#### Your Skill Level

1 2 3 4 5 6 7

Defines the integration build, accepts software modules from software developers and produces software builds for loading onto the target environment. Configures the hardware environment, produces integration test specifications and conducts tests, recording details of any failures and carrying out fault diagnosis.

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## SFIA Profile Explained (continued)

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### Identified Job Role Skills

Category	Business change
Subcategory	Business change management
Skill	Project management

The management of projects, typically (but not exclusively) involving the development and implementation of business processes to meet identified business needs, acquiring and utilising the necessary resources and skills, within agreed parameters of cost, timescales and quality.

#### Your Skill Level

1 2 3 4 5 6 7

Defines, documents and carries out small projects, actively participating in all phases. Identifies, assesses and manages risks to the success of the project. Prepares realistic project and quality plans and tracks activities against the plans, providing regular and accurate reports to stakeholders as appropriate. Monitors costs, timescales and resources used and takes action where these deviate from agreed tolerances. Ensures that own projects are formally closed and, where appropriate, subsequently reviewed, and that lessons learned are recorded.

Category	Service provision
Subcategory	Infrastructure
Skill	Security administration

The authorisation and monitoring of access to IT facilities or infrastructure in accordance with established organisational policy. Includes the investigation of unauthorised access, compliance with data protection and performance of other administrative duties relating to security management.

#### Your Skill Level

1 2 3 4 5 6 7

Investigates minor security breaches in accordance with established procedures. Assists users in defining their access rights and privileges and operates agreed logical access controls and security systems. Maintains agreed security records and documentation.

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## SFIA Profile Explained (continued)

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### Identified Job Role Skills

Category	Procurement and management support
Subcategory	Quality
Skill	Compliance audit

The independent, third-party assessment of the conformity of any activity, process, deliverable, product or service with the criteria of specified standards, such as BS EN ISO 9000/14000, local standards, best practice or other documented requirements. May relate to, for example, asset management, network security tools, firewalls and Internet security, real-time systems and application design.

### Your Skill Level

1 2 3 4 5 6 7

Plans programmes to audit activities, processes, products or services. Collects, collates and examines records as part of specified testing strategies for evidence of compliance with management directives or the identification of abnormal occurrences. Analyses evidence collated and drafts part, or all, of formal reports commenting on the conformance found to exist in the audited part of an information systems environment.

Category	Ancillary skills
Subcategory	Education and training
Skill	Education and training delivery

The teaching of knowledge and techniques and skills training relevant to SFIA content.

### Your Skill Level

1 2 3 4 5 6 7

Customises and delivers teaching or training to a variety of audiences using a range of instructional techniques.