

The Skills Framework for the Information Age (SFIA) is the high level UK Government backed competency framework describing the roles within IT and the skills needed to fulfil them.

SFI Aplus contains the SFIA framework of IT skills plus detailed training and development resources to provide the most established and widely adopted IT skills, training and development model reflecting current industry needs.

It allows employers and IT practitioners to identify career paths and plan training and development.

The new version contains 17 NEW and UPDATED Skills (see ▲) with greater emphasis on:

Business Change; Wireless and Web Technology; Service Management - ITIL®; Security; IT Governance and Compliance.

It builds on SFIA by providing additional training and development detail for all 78 skills and 263 tasks. It maps to ISEB practitioner qualifications and BCS Professional Examinations academic qualifications, and shows the relationship with BCS Chartered and Incorporated membership grades.

BCS promotes the use of SFI Aplus in a range of professional development products and services for both individuals and employers.

Find out more at [www.bcs.org/products](http://www.bcs.org/products)

<b>Category, Subcategory</b>	Skills are grouped for convenience into categories and subcategories describing broad areas of work.
<b>Skill</b>	A recognisable area of IT competence within the workplace.
<b>Skill Resource</b>	Eight detailed SFI Aplus topics related to the Skill. (See example 1)
<b>Code</b>	Included to help with Skill identification.
<b>Level</b>	The degree of responsibility that an IT practitioner exercises.
<b>Task</b>	A Skill at a Level.
<b>Task Component</b>	Six additional SFI Aplus topics defining the Task. (See example 2)

Category/Subcategory	Skill	Code	Level						
			1	2	3	4	5	6	7
<b>Strategy &amp; planning</b>									
Information strategy	Information management	IRMG				4	5	6	7
Advice and guidance	Consultancy	CNSL					5	6	7
	Technical specialism	TECH					5	6	7
Business / information systems strategy and planning	Research	RSCH			3	4	5	6	
	Innovation ▲	INOV						6	
	Business process improvement	BPPE					5	6	7
	Strategic application of information systems	STPL					5	6	7
	Business risk management	BURM					5	6	
	Information security	SCTY			3	4	5	6	
	Information assurance ▲	INAS			3	4	5	6	
	Systems architecture	ARCH					5	6	
Technical strategy & planning	Emerging technology monitoring	EMRG					5	6	
	Continuity management	COPL				4	5		
	Software development process improvement	SPIM					5	6	7
	Network planning	NTPL					5	6	
	Methods and tools	METL					4	5	6
<b>Development</b>									
Systems development	Systems development management	DLMG					5	6	7
	Data analysis	DTAN		2	3	4	5		
	Systems design	DESN		2	3	4	5	6	
	Network design	NTDS					5	6	
	Database design	DBDS		2	3	4	5	6	
	Programming/software development	PROG		2	3	4	5		
	Safety engineering	SFEN			3	4	5	6	
	Web site specialism	WBSP		2	3	4	5		
	Systems testing	TEST		2	3	4	5	6	
	Human factors	Systems ergonomics	HCEV			3	4	5	6
Content creation		DOCM		2	3	4	5	6	
Non-functional needs analysis ▲		UNAN			3	4	5		
Usability evaluation ▲		USEV		2	3	4	5		
Human factors integration ▲		HFIN					5	6	7
Installation and integration	Systems integration	SINT		2	3	4	5	6	
	Porting/software integration	PORT			3	4	5	6	
	Systems installation/decommissioning	HSIN	1	2	3	4	5		
<b>Business change</b>									
Business change management	Business analysis	ANAL			3	4	5	6	
	Programme management	PGMG					6	7	
	Project management	PRMG				4	5	6	7
	Business process testing ▲	BPTS				4	5	6	
	Change implementation planning & mgmt ▲	CIPM					5	6	
	Organisation design & implementation ▲	ORDI					5	6	
	Benefits management ▲	BENM					5	6	
Relationship management	Stakeholder relationship management ▲	RLMT					5	6	
<b>Service provision</b>									
Infrastructure	Configuration management	CFMG			3	4	5	6	
	Change management	CHMG			3	4	5	6	
	Capacity management	CPMG				4	5	6	
	System software	SYSP			3	4	5		
	Security administration	SCAD			3	4	5	6	
	Radio frequency engineering ▲	RFEN		2	3	4	5	6	
	Availability management ▲	AVMT				4	5	6	
	Financial management for IT ▲	FMIT				4	5	6	
	Operation	Data protection	DPRO					5	6
Application support		ASUP		2	3	4	5		
Management and operations		COPS	1	2	3	4	5	6	7
Network control and operation		NTOP			3	4	5	6	
Database administration		DBAD		2	3	4	5		
User support	Service level management	SLMO		2	3	4	5	6	7
	Network support	NTAS		2	3	4	5		
	Problem management	PBMG				4	5		
	Service desk and incident management	USUP	1	2	3	4	5		
<b>Procurement and management support</b>									
Supply management	Procurement	PROC					5	6	
	Supplier relationship management ▲	SURE			3	4	5	6	7
Quality	Quality management	QUMG					5	6	7
	Quality assurance	QUAS			3	4	5	6	
	Quality standards	QUST		2	3	4	5		
	Compliance audit ▲	COMP			3	4	5	6	7
	Safety assessment	SFAS					5	6	
Resource management	Project office	PROF		2	3	4	5		
	Asset management	ASMG					5	6	
	Information systems coordination	ISCO						6	7
	Client services management	CSMG					5	6	
	Professional development ▲	PDSV					5	6	
	Resourcing ▲	RESC					5	6	
<b>Ancillary skills</b>									
Education and training	Education and training management	ETMG					5	6	
	Training materials creation and maintenance	TMCR				4	5		
	Education and training delivery	ETDL			3	4	5		
Sales and marketing	Account management	ACMG					5	6	
	Marketing	MKTG			3	4	5	6	
	Selling	SALE				4	5	6	
	Sales support	SSUP	1	2	3	4	5	6	

**Example 1**  
Business Change Management: Project Management (PRMG)  
SFIA Skill covers Title, Description and Code

SFI Aplus includes EIGHT additional Skill resources:

- Related Functions
- Technical Overview, including Typical Tools and Techniques
- Overview of Training, Development and Qualifications
- Careers and Jobs
- Professional Bodies
- Standards and Codes of Practice
- Communities and Events
- Publications and Resources

**Example 2**  
Business Change Management: Project Management (PRMG) Level 5  
SFIA Task covers Title, Description and Code

SFI Aplus includes SIX additional Task components:

- Background
- Work Activities
- Knowledge and Skills
- Training Activities
- Professional Development Activities
- Qualifications

BCS Professional Examinations

