

# SFIA 8 Summary Chart

The global skills and competency framework for the digital world

## Development and implementation

		1	2	3	4	5	6	7
<b>Systems development</b>								
Product management	PROD			3	4	5	6	
Systems development management	DLMG					5	6	7
Systems and software life cycle engineering	SLEN				4	5	6	7
Systems design	DESN			3	4	5	6	
Software design	SWDN		2	3	4	5	6	
Network design	NTDS			3	4	5	6	
Hardware design	HWDE			3	4	5	6	
Programming/software development	PROG		2	3	4	5	6	
Systems integration and build	SINT		2	3	4	5	6	
Testing	TEST	1	2	3	4	5	6	
Software configuration	PORT			3	4	5	6	
Real-time/embedded systems development	RESD		2	3	4	5	6	
Safety engineering	SFEN			3	4	5	6	
Safety assessment	SFAS				4	5	6	
Radio frequency engineering	RFEN		2	3	4	5	6	
Animation development	ADEV			3	4	5	6	
<b>Data and analytics</b>								
Data management	DATM				4	5	6	
Data modelling and design	DTAN		2	3	4	5		
Database design	DBDS			3	4	5		
Data engineering	DENG		2	3	4	5	6	
Database administration	DBAD		2	3	4	5		
Data science	DATS		2	3	4	5	6	7
Machine learning	MLNG		2	3	4	5	6	
Business intelligence	BINT		2	3	4	5		
Data visualisation	VISL			3	4	5		
<b>User experience</b>								
User research	URCH			3	4	5	6	
User experience analysis	UNAN			3	4	5		
User experience design	HCEV			3	4	5	6	
User experience evaluation	USEV		2	3	4	5	6	
<b>Content management</b>								
Content authoring	INCA	1	2	3	4	5	6	
Content publishing	ICPM	1	2	3	4	5	6	
Knowledge management	KNOW		2	3	4	5	6	7
<b>Computational science</b>								
Scientific modelling	SCMO				4	5	6	7
Numerical analysis	NUAN				4	5	6	7
High-performance computing	HPCC				4	5	6	7

## Relationships and engagement

		1	2	3	4	5	6	7
<b>Stakeholder management</b>								
Sourcing	SORC		2	3	4	5	6	7
Supplier management	SUPP		2	3	4	5	6	7
Contract management	ITCM			3	4	5	6	
Stakeholder relationship management	RLMT				4	5	6	7
Customer service support	CSMG	1	2	3	4	5	6	
Business administration	ADMN	1	2	3	4	5	6	
<b>Sales and marketing</b>								
Marketing	MKTG		2	3	4	5	6	
Selling	SALE			3	4	5	6	
Sales support	SSUP	1	2	3	4	5	6	

## Delivery and operation

		1	2	3	4	5	6	7
<b>Technology management</b>								
Technology service management	ITMG					5	6	7
Application support	ASUP		2	3	4	5		
IT infrastructure	ITOP	1	2	3	4	5		
System software	SYSP			3	4	5		
Network support	NTAS		2	3	4	5		
Systems installation and removal	HSIN	1	2	3	4	5		
Configuration management	CFMG		2	3	4	5	6	
Release and deployment	RELM			3	4	5	6	
Storage management	STMG			3	4	5	6	
Facilities management	DCMA			3	4	5	6	
<b>Service management</b>								
Service level management	SLMO		2	3	4	5	6	7
Service catalogue management	SCMG			3	4	5		
Availability management	AVMT				4	5	6	
Capacity management	CPMG				4	5	6	
Incident management	USUP		2	3	4	5		
Problem management	PBMG			3	4	5		
Change control	CHMG		2	3	4	5	6	
Asset management	ASMG		2	3	4	5	6	
Service acceptance	SEAC				4	5	6	
<b>Security services</b>								
Security operations	SCAD	1	2	3	4	5	6	
Vulnerability assessment	VUAS		2	3	4	5		
Digital forensics	DGFS			3	4	5	6	
Penetration testing	PENT			3	4	5	6	

## People and skills

		1	2	3	4	5	6	7
<b>People management</b>								
Performance management	PEMT				4	5	6	
Employee experience	EEXP				4	5	6	
Organisational facilitation	OFCL				4	5	6	
Professional development	PDSV				4	5	6	
Workforce planning	WFPL				4	5	6	
Resourcing	RESC			3	4	5	6	
<b>Skills management</b>								
Learning and development management	ETMG			3	4	5	6	7
Learning design and development	TMCR			3	4	5		
Learning delivery	ETDL		2	3	4	5		
Competency assessment	LEDA			3	4	5	6	
Certification scheme operation	CSOP		2	3	4	5	6	
Teaching	TEAC		2	3	4	5	6	7
Subject formation	SUBF			4	5	6	7	

## Levels of responsibility

The SFIA Framework describes seven levels of increasing responsibility, accountability and impact from Level 1, the lowest, to Level 7, the highest.

Each of the seven levels is labelled with a guiding phrase to summarise the level of responsibility.

- Level 1 - Follow
- Level 2 - Assist
- Level 3 - Apply
- Level 4 - Enable
- Level 5 - Ensure, advise
- Level 6 - Initiate, influence
- Level 7 - Set strategy, inspire, mobilise

## Change and transformation

		1	2	3	4	5	6	7
<b>Change implementation</b>								
Portfolio management	POMG					5	6	7
Programme management	PGMG						6	7
Project management	PRMG				4	5	6	7
Portfolio, programme and project support	PROF		2	3	4	5	6	
<b>Change analysis</b>								
Business situation analysis	BUSA			3	4	5	6	
Feasibility assessment	FEAS				3	4	5	6
Requirements definition and management	REQM		2	3	4	5	6	
Business modelling	BSMO		2	3	4	5	6	
Acceptance testing	BPTS		2	3	4	5	6	
<b>Change planning</b>								
Business process improvement	BPRE					5	6	7
Organisational capability development	OCDV					5	6	7
Organisation design and implementation	ORDI				4	5	6	7
Organisational change management	CIPM			3	4	5	6	
Benefits management	BENM					5	6	

## Strategy and architecture

		1	2	3	4	5	6	7
<b>Strategy and planning</b>								
Strategic planning	ITSP					5	6	7
Information systems coordination	ISCO						6	7
Information management	IRMG				4	5	6	7
Enterprise and business architecture	STPL					5	6	7
Solution architecture	ARCH				4	5	6	
Innovation	INOV					5	6	7
Emerging technology monitoring	EMRG				4	5	6	
Research	RSCH		2	3	4	5	6	
Demand management	DEMM					5	6	
Investment appraisal	INVA				4	5	6	
Financial management	FMIT				4	5	6	
Measurement	MEAS			3	4	5	6	
Sustainability	SUST				4	5	6	
Continuity management	COPL		2	3	4	5	6	
<b>Security and privacy</b>								
Information security	SCTY			3	4	5	6	7
Information assurance	INAS			3	4	5	6	7
Personal data protection	PEDP					5	6	
Vulnerability research	VURE			3	4	5	6	
Threat intelligence	THIN		2	3	4	5	6	
<b>Governance, risk and compliance</b>								
Governance	GOVN						6	7
Risk management	BURM			3	4	5	6	7
Audit	AUDT			3	4	5	6	7
Quality management	QUMG			3	4	5	6	7
Quality assurance	QUAS			3	4	5	6	
<b>Advice and guidance</b>								
Consultancy	CNSL				4	5	6	7
Specialist advice	TECH				4	5	6	
Methods and tools	METL			3	4	5	6	