SFIA 9 Launch Event: AU & NZ

30 October 2024

10:30am AEDT / 12:30pm NZ





Lisa Syrek MACS CP



ACS Workforce Development Manager SFIA Accredited Consultant Australian Based









House-keeping (In-person)



WiFi: ACS Guest







The toilets are behind the lift

Assembly point @Alinga Street

Housekeeping (virtual)



- ➤ To avoid any **distractions/noise** during the presentation, your camera and audio are muted by us
- ➤If you have questions, please **type your questions on the chat** and we will try our best to answer them at the Q & A session

For those who join the webinar on your phone or iPad

you might be able to choose to see the presentation content or the speaker screen, but you might not be able to see both

Siobhan O'Sullivan MACS Snr CP



ACS Chief Operating Officer
Australian Based







Welcome to Country

We acknowledge the Ngunnawal & Ngambri people as traditional custodians of the land we are meeting on and recognise any other people or families with a connection to the lands of the ACT and region.

We wish to acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

We would also like to acknowledge and welcome other Aboriginal and Torres Strait Islander people who may be attending today's event.



Chris Fechner



Australian Government
Chief Executive Officer – DTA
Head of the Digital Profession
SFIA Foundation Board Member





The Hon Patrick Gorman MP



Assistant Minister to the Prime Minister
Assistant Minister for the Public Service
Assistant Minister to the Attorney-General
Australian Labor Party
House of Representatives





Anne-Marie Cavanagh





Deputy Government Chief Digital Officer
Deputy Chief Executive
Digital Public Service Branch,
Department of Internal Affairs,
New Zealand Public Service
New Zealand based



The New Zealand Public Service context



Digitising Government portfolio priorities

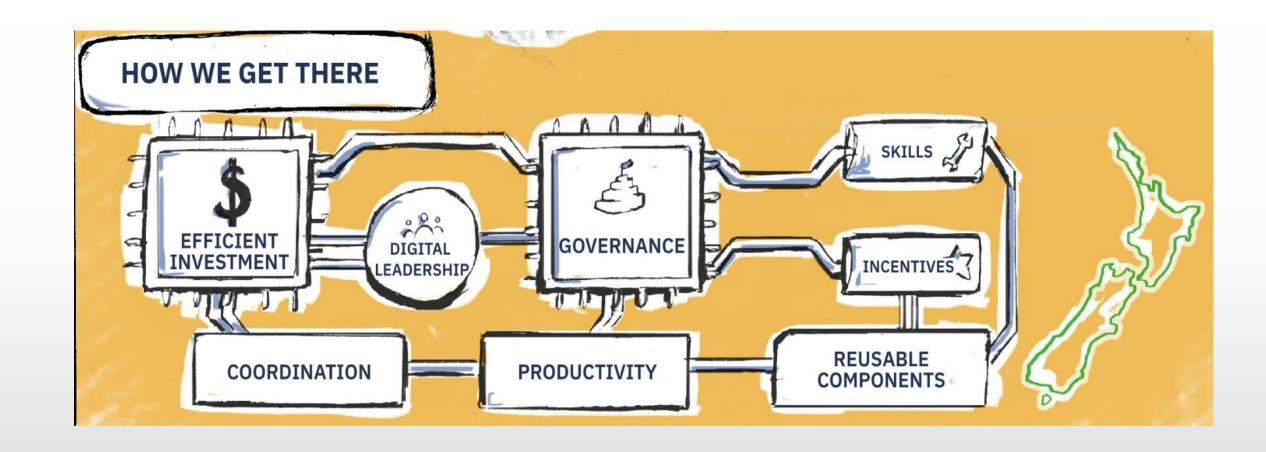
- Delivering an improved and more unified customer service experience for digital government services
- Service Modernisation:
 - A world class customer experience and productivity gains for New Zealanders
 - A productive, efficient and modern public service
 - Maintain trust and confidence in government/services





- Our Minister, the Hon Judith Collins, is focused on a 'step-change' to digitising government services.
- The focus of this step change is to improve customer service and increase productivity across Government through digital initiatives.
- We are working on a Roadmap to accelerate digitising government services, along with an action-based work programme, and a digital investment plan to enable delivery.







How SFIA helps the New Zealand Public Service digital workforce





SFIA supports Public Service agencies to attract, recruit, and retain and promote their digital talent



The common language SFIA supports underpins agencies' ability to identify the best ways to build our Public Service digital skills



Wider use of SFIA will help us target learning, training and career development within agencies and at the system level.



New Zealand has wide support for SFIA across the technology and public sector and the New Zealand Digital Public Service sees SFIA as a key enabler



SFIA will help us to better utilise our digital resources, target our training spend, define our roles more consistently and make recruitment simpler



Like any tool, SFIA is made to be used: Our goal is to fully utilise SFIA in New Zealand's public service



Daniel Merriott



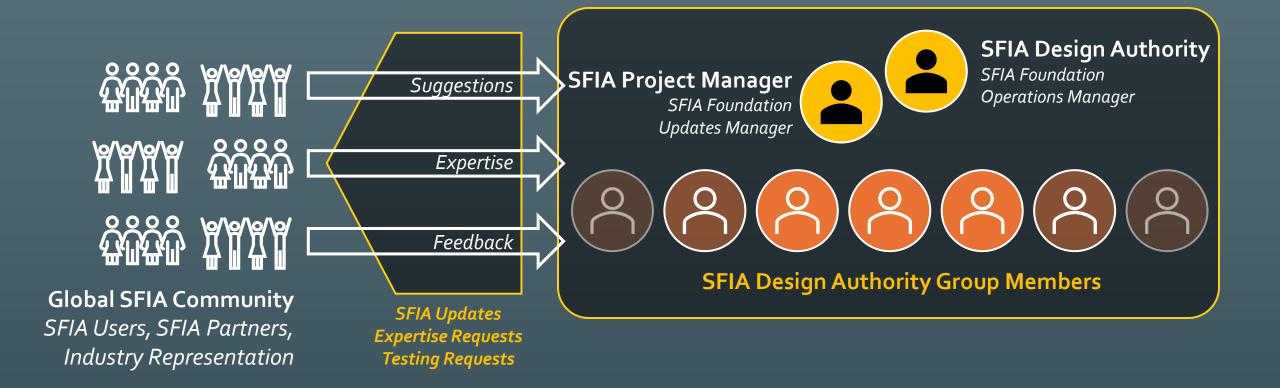
Managing Director
SFIA Global Design Authority Member
SFIA Council Member
New Zealand Based
Trans -Tasman and global SFIA experience







SFIA Design Authority Group





Evolution of SFIA

Making sense of the changes



If you are already using SFIA

What is **not changing**?

- Core principals unchanged
- Same structure: skills and 7 levels
- Levels described by generic attributes
- Use the skills relevant to your organisation
- No skills are retiring

Lots of good reasons to look at SFIA 9

- Updated and new skills
- Behaviour factors and business skills

Don't need to move immediately

- Evaluate the best time for your organisation
- Previous versions remain available



Evolution of SFIA

Making sense of the changes



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If you are new to SFIA

Broad range of digital professional skills

- Data, analytics, AI, user experience, ...
- IT, information & records management, ...
- Cybersecurity, risk management, ...
- Governance, ethics, finance, strategy, ...
- Products, projects, change, ...
- Marketing, sales, stakeholder management, ...

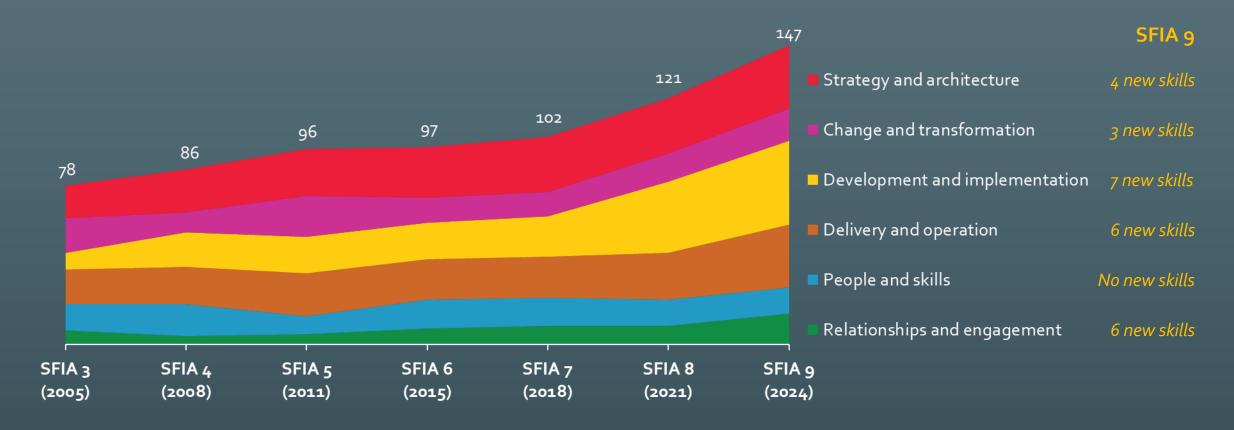
Vendor neutral definitions of getting work done Ready to use **behavioural factors**

Industry standard global framework

- Industry and professional bodies aligned
- Used in almost every country

Evolution of SFIA

SFIA skills in each version (by category)





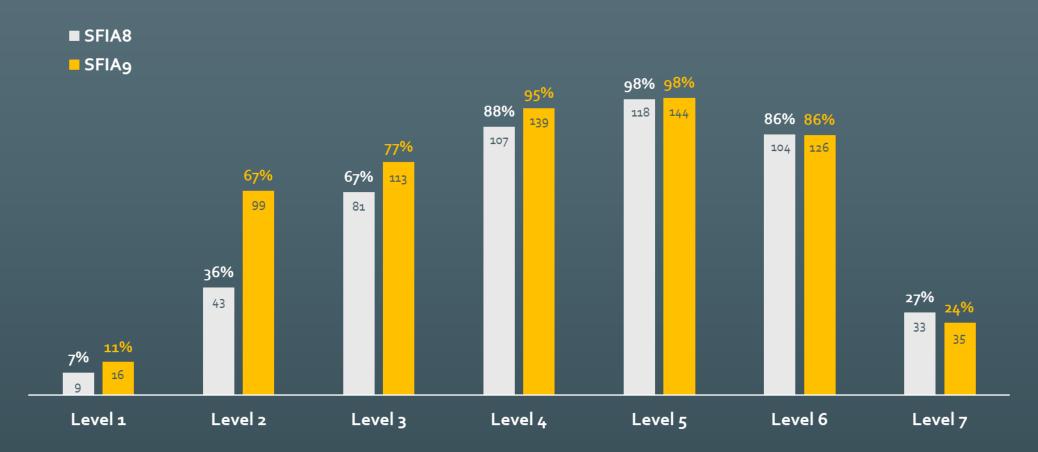
SFIA Skill Changes

Artificial Intelligence Cloud **Entry Levels** Digital Health **Information / Records** Financial / Value Management **Cybersecurity** Management **Testing Design Skills Data / Analytics Procurement and Bidding** Marketing



SFIA Skills at Each Level

Comparing the % of SFIA skills at each level





SFIA Skill Changes

Financial and Value Management

New

Budgeting and forecasting

Developing and managing financial budgets and forecasts to enable effective decisionmaking and resource allocation.

Financial analysis

Conducting in-depth analysis of financial data to derive insights and support decisionmaking.

Cost management

Planning, controlling and analysing costs to enable the effective use of financial resources.

Existing

Financial management

Investment appraisal

Benefits management Demand management

Measurement



SFIA Skill Changes

Cybersecurity

New

Identity & access mgmt

Manages identity verification and access permissions within organisational systems and environments.

Cybercrime investigation

Investigates cybercrimes, collects evidence, determines incident impacts and collaborates with legal teams to protect digital assets.

Offensive cyber operations

Plans, executes and manages offensive cybersecurity operations, including target selection, electronic target folders and post-operation analysis.

Existing

Security operations

Vulnerability assessment

Digital forensics

Penetration testing

Information security

Information assurance

Vulnerability research

Threat intelligence



SFIA Skill Changes

Information and Records Management

New

Records management

Planning, implementing and managing the full lifecycle of organisational records.

Analytical classification and coding

Interpreting information and assigning classifications or labels based on domain-specific knowledge, standards and guidelines to enable data analysis and use.

Existing

Knowledge management

Information management

Information and data compliance

Information assurance

Information security



SFIA Skill Changes

Testing

New

Non-functional testing

Assessing systems and services to evaluate performance, security, scalability and other non-functional qualities against requirements or expected standards.

Process testing

Assessing documented and undocumented process flows within a product, system or service against business needs through investigation and testing.

Existing

Functional testing

Penetration testing

User acceptance testing

User experience evaluation

Delivery management



SFIA Skill Changes

Design Skills

New

Infrastructure design

Designing technology infrastructure to meet business requirements, ensuring scalability, reliability, security and alignment with strategic objectives.

Existing

Systems design

Solution architecture

Software design

Data modelling and design

Database design

Hardware design

Network design



SFIA Skill Changes

Design Skills

New

Graphic design

Creating and applying visual concepts to communicate ideas, enhance aesthetics and improve user experience across digital and print media.

Customer experience

Ensuring the delivery of high-quality interactions and experiences that meet customer expectations across all touchpoints and channels.

Accessibility and inclusion

Driving accessibility and inclusion in services and products.

Existing

User experience design

User experience analysis

User research

User experience evaluation

Content design and authoring



SFIA Skill Changes

Data and Analytics

New

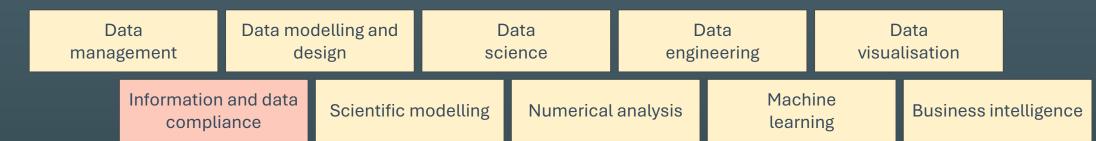
Data analytics

Enabling data-driven decision making by extracting, analysing and communicating insights from structured and unstructured data.

Al and data ethics

Implementing and promoting ethical practices in the design, development, deployment and use of AI and data technologies.

Existing





SFIA Skill Changes

Procurement and Bid Management

New

Bid/proposal management

Managing preparation and submission of bids and proposals for contracts, grants, projects, or services.

Financial analysis

Conducting in-depth analysis of financial data to derive insights and support decision-making.

Existing

Selling

Sales support

Investment appraisal



SFIA Skill Changes

Marketing

New

Market research

Gathering, analysing and interpreting data about markets, customers and competitors to inform business decisions and strategies.

Brand management

Managing brand strategy to establish and enhance brand identity and value aligned with organisational goals.

Marketing campaign management

Executing, monitoring and optimising marketing campaigns across various channels to engage target audiences and achieve desired outcomes.

Customer engagement and loyalty

Developing and executing strategies to attract, engage and retain customers through targeted communications and loyalty initiatives.

Digital marketing

Planning and executing activities to promote products, services and brands through digital channels and technologies.



Marketing management



Updated Levels of Responsibility

Essence of the level

Generic Attributes

SFIA 8

Autonomy

Influence

Complexity

Knowledge

Business skills

SFIA 9

Autonomy

Influence

Complexity

Knowledge

Business skills / Behavioural factors

Abbreviated content from:

Autonomy Influence C

Complexity Knowledge

Business skills / Behavioural factors

Collaboration	Communication
Improvement mindset	Creativity
Decision-making	Digital mindset
Leadership	Learning and development
Planning	Problem-solving
Adaptability	Security, privacy and ethics
Adaptability	

Phil Lovell and Penny Coulter will tell you more about this, up next Also see their deep dive on this topic on Thursday Levels of Responsibility and Behavioural Factors in SFIA version 9



Attributes

Knowledge

(workplace impact)

More Information...

SFIA Foundation Website

https://sfia-online.org/en/sfia-9

Australia / New Zealand SFIA 9 Launch Resources

https://sfia-online.org/en/sfia-9/sfia-9-launch/australia-and-new-zealand-sfia-week/resources



Phil Lovell and Penny Coulter



SFIA Global Design Authority Member SFIA Council Member SFIA Accredited Consultant Australian Based



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Version 9 Levels of Responsibility

Focus on Behavioural Factors

• The Journey to Version 9

Design Goals for Version 9

• SFIA v9 Levels of Responsibility, Generic Attributes, Behavioural Factors

SFIA v9 Resources – Useful Web Links



The Journey

Behavioural Factors within Levels of Responsibility

Behavioural statements have always been present but not so visible.

Behavioural Factors in Version 8

- Existing behavioural statements were labelled
- Individually referenced in the Behavioural Factor Glossary (PDF)

Community Feedback on Version 8

- Overall, very positive feedback, the Glossary was frequently downloaded
- Some confusion about Behavioural Factors being across multiple Generic Attributes
- Behavioural Factors not spanning all Levels
- Professional Skills introduction of Short description and Guidance Notes were very well received



Preparing for Version 9

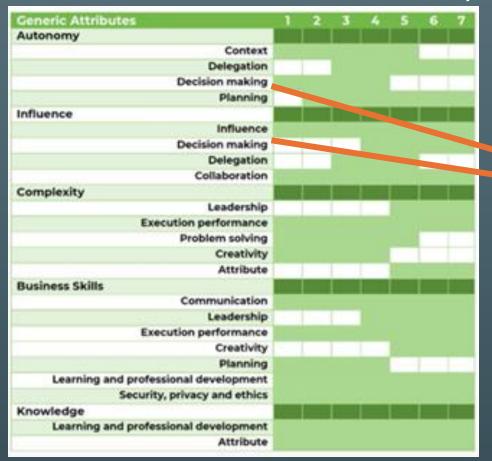
Design Goals

- Making SFIA easier to consume (readability, simplicity and clarity)
- A Behavioural Factors across all 7 Levels
- A Behavioural Factor to reside in 1 Generic Attribute only
- Refresh Generic Attributes
- Maximise SFIA Foundation website



Simplicity - Placement of Behavioural Factors

Version 8 – Behavioural Factors distributed across 1 or more Generic Attributes (from Glossary)



Version 9 – Behavioural Factors located in Business skills

Generic Attributes	1	2	3	4	5	6	7
Autonomy							
Influence							
Complexity							
Business Skills / Behavior Factors							
Adaptability							
Collaboration							
Communication							
Creativity							
Decision making							
Digital mindset							
Improvement mindset							
Leadership							
Learning and development							
Planning							
Problem solving							
Security, privacy and ethics							
Knowledge							

Version 9 – For example, Decision making moves from Autonomy and Influence to Business skills



SFIA 9 Generic Attributes Refresh ...

Generic Attributes
Directory
(New)

Replaces the SFIA 8 Business Skills and Behavioural Factors Glossary Document

- See them all together
- Access each easily





The generic attributes of autonomy, influence, and complexity, along with the knowledge required and business skills/behavioural factors, collectively define the level of responsibility, detailing both the behaviours necessary for effectiveness and the specific knowledge needed at each level of responsibility.

Looking for something else?

• SFIA 9 skills directory A-Z to search for or browse the skills in SFIA 9.

Autonomy T Influence T	Description The level of independence, discretion and accountability for results in your role. The reach and impact of your decisions and actions, both within and outside the organisation. The range and intricacy of tasks and responsibilities that come with your role.	Short code AUTO INFL
<u>Influence</u> T	The reach and impact of your decisions and actions, both within and outside the organisation.	
		INFL
	The range and intricacy of tasks and responsibilities that come with your role.	
<u>Complexity</u> T		COMP
Knowledge T	The depth and breadth of understanding required to perform and influence work effectively.	KNGE
<u>Collaboration</u> V	Working effectively with others, sharing resources and coordinating efforts to achieve shared objectives.	COLL
Communication	Exchanging information, ideas and insights clearly to enable mutual understanding and cooperation.	СОММ
	Continuously identifying opportunities to refine work practices, processes, products, or services for greater efficiency and impact.	IMPM
Creativity	Generating and applying innovative ideas to enhance processes, solve problems and drive organisational success.	CRTY
Decision-making A	Applying critical thinking to evaluate options, assess risks and select the most appropriate course of action.	DECM
Digital mindset E	Embracing and effectively using digital tools and technologies to enhance performance and productivity.	DIGI
<u>Leadership</u> G	Guiding and influencing individuals or teams to align actions with strategic goals and drive positive outcomes.	LEAD
Learning and development C	Continuously acquiring new knowledge and skills to enhance personal and organisational performance.	LADV
<u>Planning</u> T	Taking a systematic approach to organising tasks, resources and timelines to meet defined goals.	PLAN
Problem-solving A	Analysing challenges, applying logical methods and developing effective solutions to overcome obstacles.	PROB
<u>Adaptability</u> A	Adjusting to change and persisting through challenges at personal, team and organisational levels.	ADAP
	Ensuring the protection of sensitive information, upholding privacy of data and individuals, and demonstrating ethical conduct within and outside the organisation.	SCPE



Clarity - Definition, Guidance notes & Short code

Autonomy AUTO

The level of independence, discretion and accountability for results in your role.

SFIA 9 is in development

- SFIA 9 planned for publication October 2024
- This is subject to change before publication.

Guidance notes

Autonomy in SFIA represents a progression from following instructions to setting organisational strategy. It involves:

- working under varying levels of direction and supervision
- making independent decisions in line with responsibility
- · taking accountability for actions and their outcomes
- delegating tasks and responsibilities appropriately
- setting personal, team, or organisational goals.

Effective autonomy encompasses decision-making skills, self-management and the ability to balance independence with organisational goals. Autonomy is closely linked with skills such as decision-making, leadership, and planning.

As professionals advance, their level of autonomy increasingly shapes their ability to drive change, innovate and contribute to organisational success. As professionals advance, their autonomy enables them to lead initiatives and drive strategic outcomes. At higher levels, individuals shape their role and make decisions that have a wider organisational impact, with minimal supervision.

Guidance (New)

Communication COMM

eta

Exchanging information, ideas and insights clearly to enable mutual understanding and cooperation.

SFIA 9 is in development

- SFIA 9 planned for publication October 2024
- · This is subject to change before publication.

Guidance notes

Communication in SFIA represents a progression from basic team interaction to complex, organisation-wide influence and external engagement. It involves:

- · communicating within immediate teams
- · exchanging information and ideas clearly
- verbal and written skills, active listening, and the ability to use communication tools and platforms appropriately
- adapting communication style to diverse audiences, both technical and non-technical
- · articulating complex concepts in a way that enables informed decision-making
- · influencing strategy through effective dialogue with senior stakeholders.

As professionals advance, their communication skills evolve from simple information sharing within teams to influencing decisions at the highest levels of an organisation. This progression involves adapting communication to different audiences, including senior stakeholders and external partners, and shaping strategic outcomes through effective dialogue. At higher levels, professionals take on the responsibility of using communication to drive organisational direction and engage with industry leaders to achieve business objectives.



Clarity – Level Essence Statements

Introduced the Level Essence Statements – BUT the Levels of Responsibility themselves are unchanged!

- Short text description of the meaning of Autonomy, Influence and Complexity for each level
- Provide an easily, readable description of the SFIA Level
- Bridge the gap between the SFIA Level Name (Follow, Assist ...) and the full text of the Generic Attributes





Clarity - Generic attribute refresh

Together provide a comprehensive picture of an individual's level of responsibility.

Attributes Autonomy Influence Complexity Contextual expectations that define the scope, impact and Level of responsibility

Knowledge related to a level responsibility

The depth and breadth of understanding required to perform and influence work effectively. Level of Responsibility what you need to know to meet your level of responsibility.

Clarity - Business Skills / Behavioural Factors





Readability Simplicity and Clarity

Other examples

Readability

- Glossary to Webpage
- Language review intent typically remains the same

Simplicity

- "Breakout" Execution Performance to Digital mindset and Security, privacy and ethics.
- Behavioural Factor Names: Learning and Professional Development to Learning and Development

Clarity

 Communication now describes observable communication behaviours that would be considered "Effective" at a level of responsibility.



Generic attributes, business skills and behavioural factors	
* Autonomy	
★ Influence	
* Complexity	
* Knowledge	
* Collaboration	
* Communication	
★ Improvement mindset	
* Creativity	
★ Decision-making	
★ Digital mindset	
* Leadership	
* Learning and development	
* Planning	
* Problem-solving	
* Adaptability	
* Security, privacy and ethics	

Success in technology-related roles requires not only technical proficiency but also the ability to navigate complex business environments and inspire others towards shared goals.

	Increasing responsibility, accountability and impact							
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	
Autonomy	Demonstration	ng increasing le	vels of indepen	dence, discretio	n, and accounta	ability for results	¥.	
Influence	Demonstrating increasing ability to positively impact colleagues, clients, suppliers, partners, managers, leaders, and the industry through actions and decisions.							
Complexity	Demonstrating the ability to perform work of increasing scale, range, and intricacy in tasks, responsibilities, and challenges.							
Business skills / Behavioural factors	Demonstration	ng effective bus	iness and interp	oersonal skills w	ith increasing in	npact.		
Knowledge	Demonstrating increasing depth and breadth of expertise to effectively perform, influence outcomes, and achieve organisational goals.							



SFIA Website Resources

SFIA 9

Today



Useful links page

Updating

SFIA 9

https://sfia-online.org/en/sfia-9/sfia-9-release-notes/sfia-9-launch-quick-links

https://bit.ly/sfia9_quick



About SFIA

How SFIA Works

SFIA 9 Home Page

· SFIA 9 Documentation

Change Tracker

SFIA 9 Release Notes

· Revision notes on each SFIA 9 skill

Moving to SFIA 9 on each SFIA 8 skill

SFIA 9 Levels of Responsibility

SFIA 9 Generic Attributes Directory

SFIA 9 Skills Directory A-Z

• SFIA 9 Beta Translations Releases

SFIA Support Assets - status***

SFIA Views

· SFIA - a framework for cyber security skills

• SFIA – a framework for cloud computing skills

• SFIA – a framework for AI skills (BETA)

· Other Views to be refreshed

· Mappings and sample role profiles

· Illustrative skills profiles (currently SFIA 8)

• SFIA – Levelled NICE Work Roles

• NICE Career Path and Role Illustrations

· SFIA Assessment Guidance

Visual guide to self-assessment

*** support assets updated in priority order

Please join us for a more detailed presentation on SFIA's Behavioural Factors 1pm AEST tomorrow, 31 October.



David Masters



Head of Global Public Policy
Independent Director of the Future Skills
Organisation (the Jobs and Skills Council for finance, technology and business)





The importance of skillsbased frameworks across the economy



Tertiary Education and Training Harmonisation

- There is a need for a common national organising framework for skills for education and training.
- There already exists creditable and in-use skills frameworks, which would allow for the same skill in HE and VET to be harmonized.
- Potential for a flow on to assessments and funding harmonisation.
- Skills mismatch is a key challenge which could be overcome by a national common skills language.
- The National Skills Taxonomy and National Skills Passport may only seem viable if underpinned by an organising framework for skills.



Testing a new approach to qualification design for digital capability

- Consideration of frameworks (e.g. Australian Digital Framework (ADCF), SFIA) for entry-level proficiency.
- Development of training products that create cross sector digital knowledge and skills (Codesigned with industry and training providers)
- Transferrable skills to enable application of knowledge and skills in different contexts.
- Alignment of training with job outcomes is vital.
- Responding to rapid change is an ongoing challenge.
- Generic training products contextualised for industry needs.
- Opportunity to test the benefits and limitations of new training products with stakeholders.



Digital Knowledge Exchange (DKX)

- Amplify learnings from States and Territories (S+Ts) to support the growth of the
 national digital workforce including seeking a common language and understanding on
 skills.
- Identify, track, and map S+Ts strategies and Skills Compact initiatives and outcomes.
- Share knowledge and promote good practice
- Promote collaboration between across S+Ts where shared priorities are identified.
- Co-design and co-delivery of projects and activities to meet S+T and national needs.
- Work together to develop practical initiatives to address digital skills gaps at scale.



Anthony Beitz





Program Leader Scientific Computing
Department of Defence
Australian Based





How SFIA helps to attract, develop, transform and retain a high-performing workforce

Anthony Beitz

Program Leader Scientific Computing

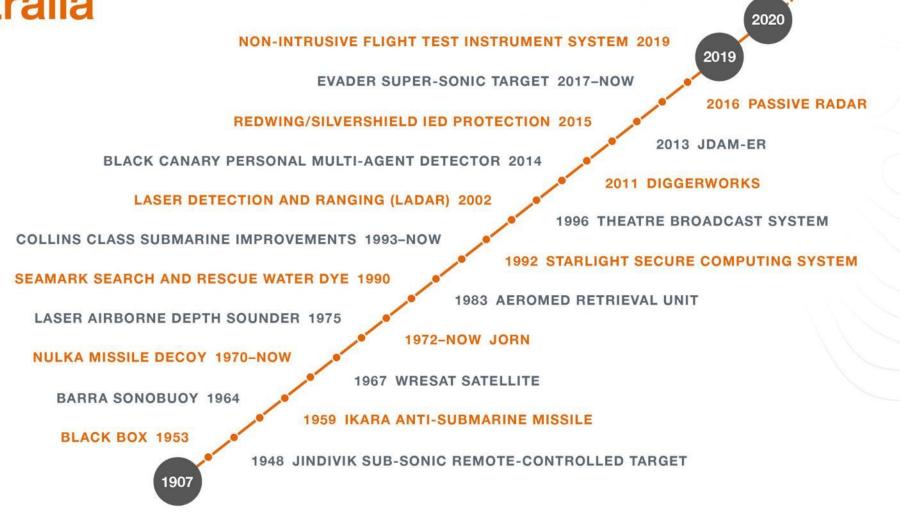


Our mission



- Develop innovative technologies that can be delivered by industry and transitioned into Defence capability, and
- To shape innovation, science and technology within Defence and across the nation.

117 years of Defence Science in Australia



2030

Needs of a high performing team

- Clear and aligned objectives
- Diverse and complementary skills
- High levels of trust and respect
- Effective communication
- Strong leadership
- Commitment and cohesion
- Adaptability and flexibility
- Results-orientated focus
- Opportunities for learning and development



Defence's Research ICT (eResearch) Workforce

- Adjoining workforce is mix of military, research and government
- eResearch Workers are generally part ICT specialist part researcher
- Competencies rapidly changing/evolving and very specialised
- Require Australian citizenship and are paid at public sector salary rates



Where did DSTG's SFIA journey start?

- Adopted SFIA (in 2015) to describe outsourced eResearch workforce, saving money and increasing productivity.
- Used SFIA in strategic workforce planning, to accurately describe a future Defence eResearch workforce.
- Offered eResearch staff ACS membership, training and access to MySFIA, enabling them to develop their own learning pathways.
- Assisted ACS in shaping SFIA to better suit Defence's needs.



How SFIA is being used in DSTG

Organisational Development

- Developing job descriptions
- Identifying skill gaps or shortfalls
- Strategic Workforce Planning

Recruitment and Sourcing

- Identifying potential internal candidates
- Advertising positions
- Shortlisting
- Accurately conveying contractor requirements

Succession Planning

Transforming an organisation's Operating Model

Professional Development

- Self-assessing skills and producing personal professional profiles
- Identify skills goals
- Identifying training needs and relevant training programs

Improving organisational resilience

Facilitating the filling of unexpected gaps



How else can SFIA be used in DSTG?

- Identifying career paths
- Facilitating job mobility
- Growing the eResearch profession in Australia
- Doing more together



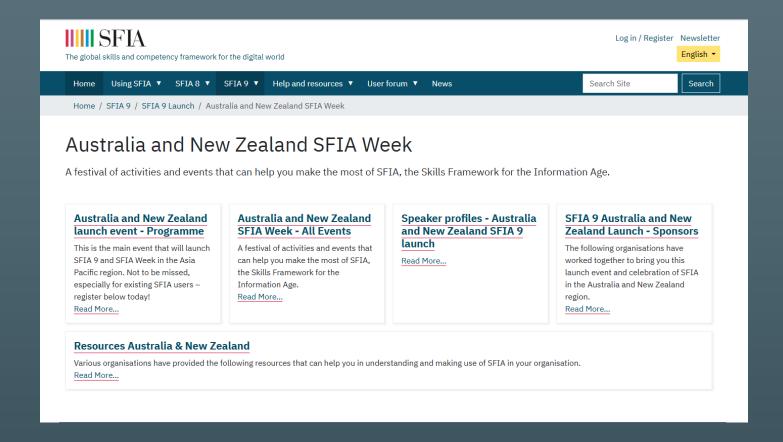
How SFIA can address the needs of a high performing team

- Clear and aligned objectives
- Diverse and complementary skills √
- High levels of trust and respect
- Effective communication
- Strong leadership
- Commitment and cohesion
- Adaptability and flexibility
- Results-orientated focus
- Opportunities for learning and development



FFICIAL 62

Australia and New Zealand SFIA Week



https://sfia-online.org/en/sfia-9/sfia-9-launch/australia-and-new-zealand-sfia-week



Q&A Panel

