SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY
SKILLS MAP – PRODUCT RISK MANAGER

Sector	Infocomm Technology
Track	Product Development
Sub-track	Quality, Risk and Security
Occupation	Risk Specialist
Job Role	**Product Risk Manager**
Job Role Description	The Product Risk Manager evaluates potential risks and controls based on findings provided by the Product Risk Analyst. He/She implement risk mitigation activities and determines the targeted scope of research on risk management issues. He is also responsible for driving the monitoring and maintenance of the product risk management process. He reviews risk management documentations and evaluates current controls to seek improvements. He provides strategic direction in risk assessments and reviews the written report. He is familiar with the format and requirements of such reports and applies risk management guidelines to various products. He is also analytical in applying these risk management concepts and thinking skills to product development and evaluate the feasibility of the proposed recommendations in enhancing the current risk management framework and policies. The Product Risk Manager anticipate issues across all phases of the product life cycle and strategise solutions to mitigate risk management issues. He is an articulate and influential communicator to both internal and external stakeholders and works well in a team environment.

	Critical Work Functions	**Key Tasks**
Critical Work Functions and Key Tasks	**Identify potential risks and controls**	Implement mitigation actions and controls for identified risks
		Develop appropriate strategies to control identified priority areas of risks in accordance with risk management frameworks and inputs from product teams
		Manage changes in threats, impacts and control effectiveness in products
		Assess risk impact of external markets, trends and changing regulations for decision-making on the need for new or updated risk controls for each product
		Work with Governance, Risk and Control (GRC) automation tools and Enterprise Risk Management (ERM) tools to evaluate risk assessment processes in products that are in its' development and launch stages
		Ensure technical upskilling for product teams through training and robustness of technology platforms and breach management processes to facilitate continuity post-crisis
	Maintain end-to-end product risk management framework	Review control mapping to risks and associated security risk frameworks
		Evaluate the relevant controls that are put in place, ensuring that they are constantly updated according to the latest risk assessments
		Drive the organisation's monitoring processes and internal audit reviews of each product
		Review formal documentations in risk registers and maintenance logs, detailing pre-launch and post-launch conditions against stipulated risk assessment metrics
	Present findings and documentations to relevant stakeholders	Refine written reports on risk assessment pre-launch and post-launch, emphasising on key risk areas to drive mitigative solutions
		Drive firmwide trainings for risk management in product development based on insights and findings
		Drive the strategic implementation risk management and mitigation for product development through external collaboration with relevant stakeholders
		Collaborate with relevant teams to develop cross-functional risk management initiatives and projects that impact multiple risk disciplines across diverse ranges of products
		Provide strategic direction on the latest risk management policies and procedures for new products and platforms

	Implement new risk management policies and solutions	Evaluate solutions provided for iteration to ensure that difficult situations and complex risks can be mitigated within various product teams
		Evaluate feasibility of suggestions proposed to enhance existing risk management policies and framework
		Provide strategic direction to various product teams on risk management procedures through process re-engineering the product lifecycle
	Manage people and organisation	Manage the budget expenditure and allocation across teams and projects
		Track the team's achievements and key performance indicators
		Propose new operational plans, including targeted budgets, work allocations and staff forecasts
		Optimise the use of resources
		Develop learning roadmaps to support the professional development of the team
		Manage the performance and development process, including providing coaching and development opportunities to maximise the potential of each individual
		Coach team members on Agile practices and values

Skills and Competencies	**Technical Skills and Competencies**		**Critical Core Skills**	
	Data Analytics*	Level 4	Decision Making	Intermediate
	Internal Controls in Product Development*	Level 4	Developing People	Intermediate
	Partnership Management*	Level 4	Problem Solving	Advanced
	Performance Management*	Level 4	Sense Making	Intermediate
	Problem Management*	Level 4	Transdisciplinary Thinking	Intermediate
	Process Improvement and Optimisation*	Level 4		
	Product Risk Analytics*	Level 4		
	Risk and Crisis Management*	Level 4		
	Product Risk Assessment*	Level 5		
	Risk Compliance and Governance*	Level 5		
	Software Testing*	Level 4		
	Systems Thinking*	Level 4		
	Test Planning*	Level 4		
	Agile Software Development	Level 4		
	AI Ethics and Governance	Level 4		
	Applications Development	Level 4		
	Business Continuity	Level 5		
	Business Needs Analysis	Level 4		
	Business Requirements Mapping	Level 4		
	Business Risk Management	Level 4		
	Configuration Tracking	Level 3		
	Data Ethics	Level 4		
	Data Governance	Level 4		

	Data Visualisation and Storyboarding	Level 4	
	Emerging Technology Synthesis	Level 4	
	Learning and Development	Level 4	
	Manpower Planning	Level 4	
	Networking	Level 3	
	Product Management	Level 3	
	Quality Assurance	Level 3	
	Quality Standards	Level 4	
	Stakeholder Management	Level 4	
	Strategy Implementation	Level 4	
Programme Listing	For a list of Training Programmes available for the ICT sector, please visit: www.skillsfuture.sg/skills-framework/ict		

The information contained in this document serves as a guide.

*Note: Technical Skills and Competencies (TSCs) with an asterisk (*) refer to Priority Skills (i.e., TSCs to be prioritised for this role).