

SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE DOCUMENT

TSC Category	Strategy Planning and Implementation					
TSC Title	IT Strategy					
TSC Description	Plan, develop and communicate effective inward- and outward-facing IT strategies, solutions and action plans, driven by environment scanning and assessment of the business' future needs and long-term strategic direction. This involves devising internal management strategies and models to support and sustain IT transformations and alignment of IT investments and programmes with the strategy to optimise the business value from IT					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
				ICT-SNA-4016-1.1	ICT-SNA-5016-1.1	ICT-SNA-6016-1.1
				Generate insights to support strategic plans, systems and guidelines for IT, and evaluate the potential costs and value of new IT programmes	Create an IT strategy, and develop transformation initiatives to meet business requirements and support the modernisation of the IT landscape	Establish future vision and key priorities for the IT organisation based on a projection of industry trends and developments
Knowledge				<ul style="list-style-type: none"> Objectives of an IT strategic plan Concept of sustainable competitive advantage for IT functions or organisations IT business models or internal IT management process models, and the process of evaluating their suitability to a given context Return on Investment (ROI) and cost-benefit analysis techniques Statistical projection techniques to measure potential business value and impact 	<ul style="list-style-type: none"> Components of a IT strategic plan and parts of the business planning process relevant to the IT function or business Evaluation of current system functionality vis-a-vis the strategic environment Feasibility and cost-benefit analysis Financial and non-financial factors and considerations when evaluating an IT programme Predictive modelling and statistical projection techniques 	<ul style="list-style-type: none"> Strategic planning methodologies, processes and best practices, and supporting sources of information Analysis and planning approaches to IT organisation requirements Future needs, trends and operating environments Business process analysis techniques to identify and evaluate strengths, weaknesses, opportunities and threats Strategic and competitive factors for the IT organisation Application of business models, statistical projections and predictive modelling in different contexts
Abilities				<ul style="list-style-type: none"> Identify issues that the strategy planning 	<ul style="list-style-type: none"> Align the IT organisation's strategic 	<ul style="list-style-type: none"> Establish a clear and forward-looking vision for

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				<p>process should address</p> <ul style="list-style-type: none"> • Evaluate the current internal and external environment of the organisation to determine possible gaps and improvement opportunities • Analyse relevant information or data to plan for IT business strategies and internal process strategies • Conduct an initial assessment of various IT business process models or internal process management systems • Document the mission, vision, objectives and strategies of the IT organisation • Propose small-scale IT initiatives or programmes that can enhance business value and yield benefits • Conduct ROI and cost-benefit analysis on current or potential IT programmes 	<p>plan with the industry environment and current organisational goals</p> <ul style="list-style-type: none"> • Support the creation and upgrade of the IT organisation's mission, vision, objectives and strategies • Define IT transformation initiatives that support the modernisation of the IT landscape by the consolidation of platforms, virtualisation or other state of the art technologies • Evaluate and prioritise IT improvement opportunities against business needs and projected requirements • Develop and drive action plans for the key changes or new directions in IT strategy • Establish a business case for IT investments, based on potential impact on the business • Drive new IT programmes and processes that yield sustainable benefits and generate value for the organisation • Evaluate impact of changes by reviewing IT business process models and their outcomes 	<p>the IT function</p> <ul style="list-style-type: none"> • Evaluate industry trends, movements and development, and their alignment with IT organisation's strategic direction • Project the current and future internal and external environment of the IT organisation so as to assess opportunities and threats • Set strategic direction and objectives that aligns IT organisation strategy with business goals • Modernise the IT landscape and chart future-focused key transformation initiatives • Align business decisions on technology investments to the organisation's strategic priorities • Prioritise current and potential IT programmes in relation to current and future resources and benefits
Range of Application						