

**Overview**

This standard describes the skills and knowledge required to plan, implement and maintain the organisational strategy for digital telecommunications systems.

This includes assessing the future demand for digital telecommunications systems and planning the changing resource capacity and capability requirements. It also involves preparing and presenting the strategic plan and budget requests to senior stakeholders for approval.

## Performance criteria

*You must be able to:*

1. Analyse traffic intensity of current users to forecast traffic growth
2. Assess opportunities for system expansion of digital telecommunications or radio communications systems with customers
3. Assess the capacity and capability of current infrastructure deployment against identified demand
4. Review the standards and regulatory requirements to be followed in digital telecommunications systems planning
5. Analyse customer business requirements to prepare the business case for digital communications
6. Prepare the strategic plan in line with organisational requirements
7. Provide estimated resourcing and training costs and schedules in line with organisational requirements
8. Present the strategic plan, and budget requests to senior teams and stakeholders

## Knowledge and understanding

*You need to know and understand:*

1. The capability and limitations of industry standard telecoms and radio communications technologies
2. The importance of monitoring customer demand for telecoms and radio communications technologies
3. The factors involved in analysing traffic intensity to estimate future requirements for telecoms and radio communications systems development
4. The procedures to follow to analyse current customer demand for telecoms and radio communications systems and forecast areas of growth
5. The importance of developing strategic plans to guide the telecoms and radio communications services activities
6. The need to present strategic plans for telecoms and radio communications systems provisioning
7. The procedures to follow for estimating, developing and negotiating budgets to support strategic planning for digital telecommunications strategic planning
8. The policies, regulatory requirements and organisation's standards for digital telecommunications systems planning

## Plan and submit the digital telecommunications strategy

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**Suite** IT and Telecoms

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