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Department:
Telecommunications and Postal Services
REPUBLIC OF SOUTH AFRICA



NATIONAL e-STRATEGY

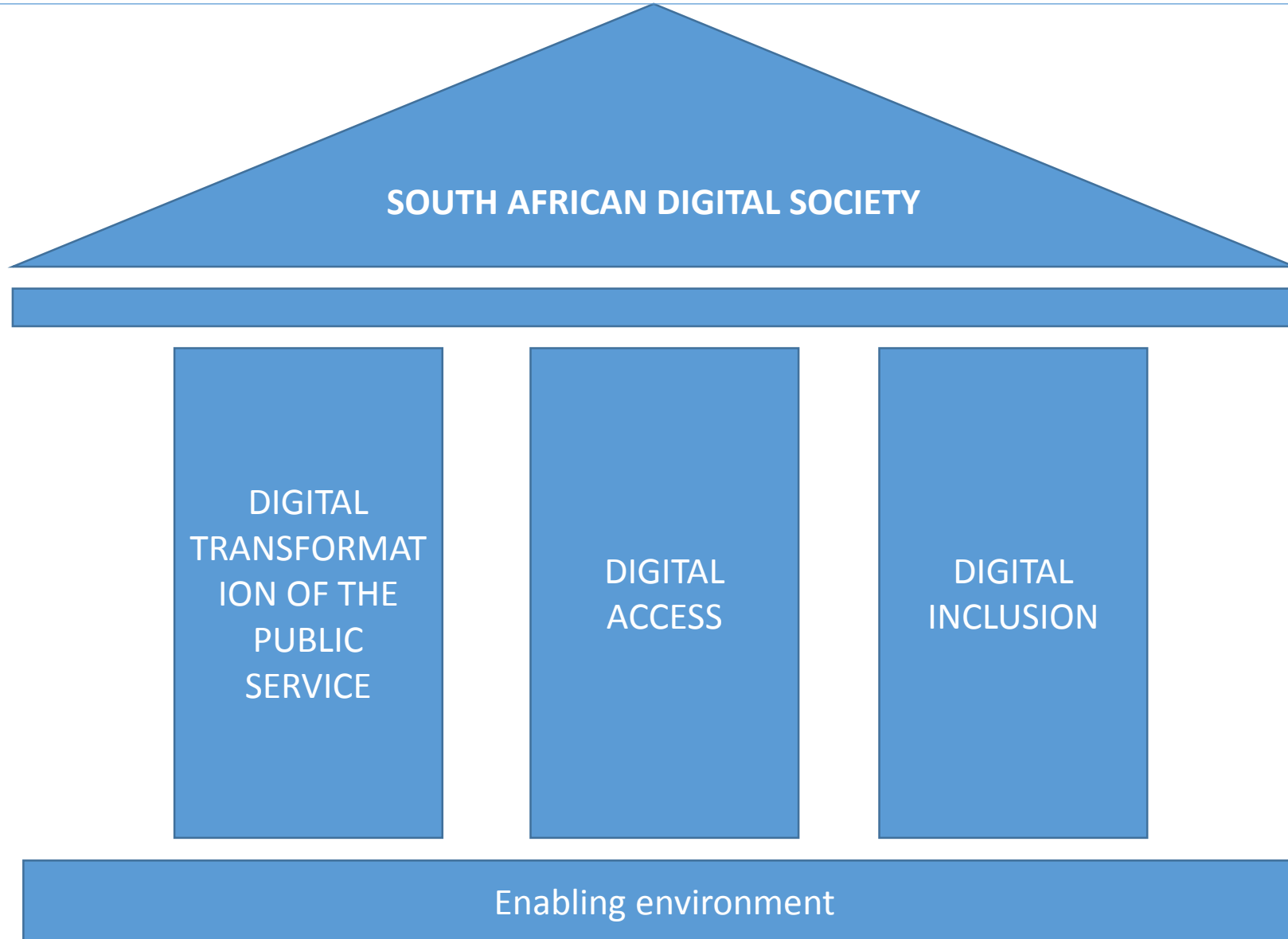
INTRODUCTION



- The NDP, mandates government to develop a National e-Strategy, which will underpin the development of an inclusive Information Society and Knowledge Economy
- The Electronic Communications and Transaction Act of 2002 provides for the development of a South African National ICT Strategy
- The process for the development and implementation of the National e-strategy is multi-sectoral, trans-disciplinary and highly complex.
- This National e-Strategy recognizes that some entities both public and private sectors might have developed their own e-Strategies.
- In this regard the National e-Strategy seeks to assist and support such initiatives, while persuading all sectors to consider implementing nationally prioritised e-strategy programmes and initiatives.
- The National e-Strategy is developed to articulate the vision for the development of digital society espoused in the Integrated ICT White Paper.

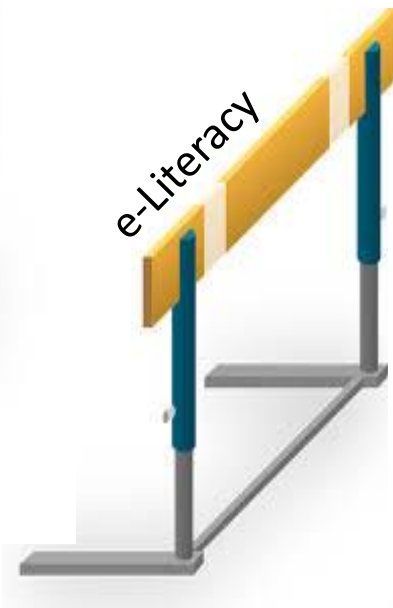


DIGITAL SOCIETY PILLARS





CHALLENGES



VISION



Making Technology Work for South African citizens and building a digital future

2030

2017

To achieve digital educational, social, cultural, governance and economic opportunities

By providing knowledge skills, and confidence to use ICTs to improve peoples lives and innovation

To eradicate poverty and inequality, develop ICT SMMEs

Knowledge society and economy



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GOALS

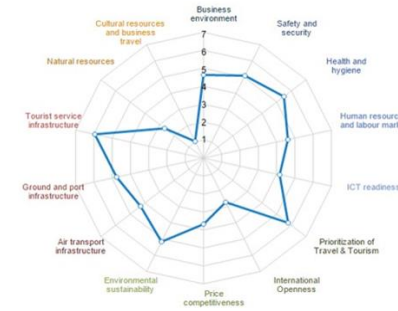


**Digital
Transformation
of Government**



**ICT SMME
Development**

**inclusive
Digital
Society**



Competitiveness



**Human Capital
Development**



Equitable Access



STRATEGIC OBJECTIVES





E-GOVERNMENT STRATEGY



- Enhanced security for ONE Government-One Citizen View Portal, Consolidation, Interoperability and Back End Integration of e-Government Services
- Enhanced security for government networks, communications infrastructure, government information, citizens personal and transactional information
- Human Resources and ICT Skills/Awareness Training
- Manufacturing and SMME support Framework
- Government public services delivery priorities

E- Sectoral Strategy Plans



- Sector Plans will detail how each sector of society or the economy will infuse technology to deliver public, commercial and community services,
- will promote growth, employment and reskilling of the current workforce
- will plan for the development of the future digital human resources capacity, develop, promote and adapt South African ICT products and services,
- will outline procurement strategies for services from the SMME and youth sectors.
- Sector plans will provide coordination mechanisms at a sector level to ensure that government, business and communities are aligned.
- Different government departments will coordinate and convene the different sector stakeholders



e-Commerce



- Electronic commerce promises to be a key feature of doing business and growing the economy.
- Review of the laws supporting e-commerce to remove legal and regulatory barriers
- Technical support for e-commerce business strategies and practices
 - Building consumer trust
 - Promotion of ICT Skills
- Position Post Office as the e-commerce hub regional hub in partnership with other Post offices



CYBERSECURITY THREATS AND SECURE



- Cabinet adopted the National Cybersecurity Framework that outlines roles and responsibilities of the different actors within the state sector as well as providing for collaboration between government and the private sector.
- Gaps exist that still require attention for a successful prevention, detection and dealing with the emerging threats.
- The biggest gap is that there is no dedicated cybersecurity policy in South Africa and cybercrimes are tackled by different pieces of legislation
- **Focus will be on:**
 - Review of the different policies to develop a dedicated cybercrime policy of South Africa
 - Establishment of guidelines to protect critical government communications infrastructure and telecommunications networks
 - Establishment of the Public Computer Response Teams and coordination with private sector response teams
 - Review and development of a national framework for the coordination on cybersecurity

Fast-tracking the roll-out of broadband infrastructure



OBJECTIVES; SA CONNECT

- Affordable broadband available nationally, to meet the diverse needs of public and private users
- Policy and regulatory conditions enabling public and private sector players to invest and contribute to reaching national targets
- Effective public sector delivery, including e-government services, underpinned by aggregation of broadband needs
- That all public institutions at national, provincial and municipal level benefit from broadband connectivity
- The development of a strong national skills base
- Vibrant and creative software industry
- A literate and skilled citizenship

3 years priority activities



Focus area	Target/outcome
<p>e-Government; Reassert the role of government as a model user of ICTs through the rollout of e-government to improve the quality of services delivered to the citizens.</p>	<p>Develop a National e-Government Strategy and Roadmap.</p>
	<p>Development a central e-government services portal in 2018/19.</p>
	<p>Implementation of e-government pilots targeting key priority areas such as education, health and safety and security in 2018/19.</p>
	<p>Development of an Government Open Data Framework in 2018/19.</p>
	<p>Establish common service centres in rural areas and townships to deliver e-services</p>
	<p>Establish a capacity building program to develop skills in government and for citizens to use e-services.</p>

3 years priority activities



Focus area

An enabling environment:

- Ensure 100% access to high speed broadband coverage.
- Enhance Digital literacy.
- Cybersecurity and awareness.
- Accelerate Research and Innovation.

Target/outcome

- Implement the 1st and second phase of the SA Connect, commencing in 2017/18 financial year.
- Implement comprehensive e-skills and capacity development programme
- Develop cybersecurity awareness programme
- Establish the National ICT RDI Planning and Investment Council in line with the ICT Policy by 2018/19.

3 years priority activities



Focus area

Sectoral eStrategies:

Health

Education

Safety

Economic sectors

Target/outcome

led by All sectors of the economy government should develop and implement e-Strategies:

- Develop sector specific e-strategies to enhance the uptake and usage of ICTs across the social and economic sectors by 2019/20.

3 years priority activities



Focus area	Target/outcome
e-Commerce	<p>Development of e-commerce to stimulate SMME development and economic inclusion and empowerment in the ICT sector</p> <p>Restructuring of the SA Post Office as a hub for e-commerce in South Africa and the region in 2018/19.</p>
4 th Industrial Revolution Action Plan	<p>Establish the Working Group on the 4th Industrial Revolution: Develop the National Action Plan on the 4th Revolution by 2019.</p>
Governance and Coordination Mechanism	<p>Establishment of the Digital Transformation Inter-Ministerial Committee as the oversee the implementation of the e-strategy and e-government strategies.</p>



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THANK YOU