

A Smart City Secure Information Infrastructure Framework for the City of Windhoek

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Background & Objectives

Smart cities are emerging and increasing in numbers each year. The growth is as a result of technological developments and the need for more efficient and smart services for the citizens. What is currently lacking is the guiding framework which combines smart cities services, security and information infrastructure. This research intends to address this gap.

Objectives

The main and sub-objectives of the research are as follows

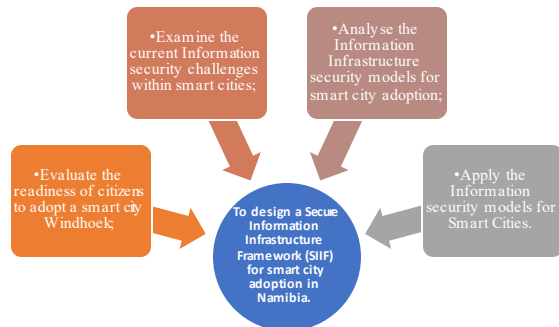


Figure 1: Main and sub-objectives

Method

A qualitative research approach within a Case study was considered. The figure below shows the key stakeholder involved in the study, the data collection techniques that results to proposed Security Information Infrastructure Framework (SIIF)

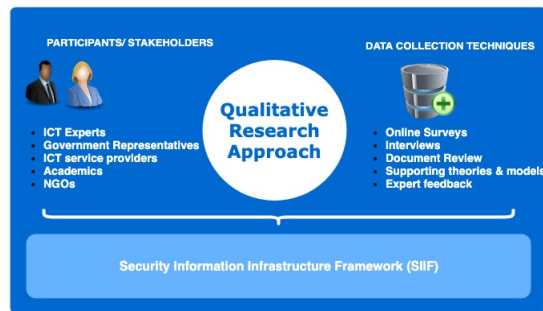


Figure 2: Research and Data Collection Methods

Results

The results of the research is the SIIF Framework as illustrated in figure 3

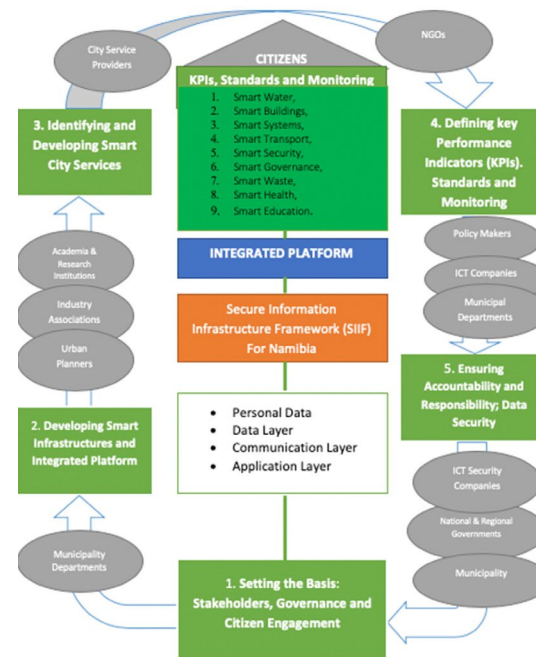


Figure 3: SIIF Framework Proposed

Conclusion

The research has produced a Secure Information Infrastructure Framework (SIIF) for the Namibian citizens and city planners. The design of the framework was based on current information and engagements from key stakeholders.

This research has managed to address the initially indicated research objectives. The researcher managed to formulate and design the framework that could be considered in setting up the ICT information infrastructure for Namibia.