



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE

**AN ASSESSMENT OF THE USE OF CRYPTIC SYSTEMS IN THREE MAJOR
COMMUNICATION NETWORKS ON MOBILE COMMUNICATION DEVICES: A CASE
OF HARARE METROPOLITAN CITY**

ROSS MOKOENA: N01521925X

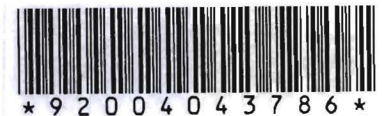
SUPERVISOR: Mr. D. MUSUNDIRE

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Abstract

The study sought to access the application of cryptic systems in mobile devices in the Harare metropolitan area in Zimbabwe. This research study used explanatory and descriptive research designs as its major research approaches. The study was largely prompted by the need to balance the demand for national security and individual/organisational privacy. Participants for the study were drawn from a sample of sixty (60) mobile users from different sectors but mainly composed of the following audit, security, mobile operators, regulatory authority, academics. Questionnaires, interviews and documentary reviews were used as the research instruments to collect information from the participants. The study showed that low appreciation in the usage and application of cryptic system in mobile devices influence user acceptance. The lack of regulation on the gadgets and applications from foreign countries and the usage of cryptic systems also highlighted as a major challenge. Against this backdrop it is recommended that the enculturisation of the usage of cryptic systems within the individual, organisation and society be strengthened, the technical knowledge base be improved. Furthermore, that the use of foreign gadgets and applications be controlled and that the government develops a regulatory framework, laws and policies to monitor the usage of cryptic systems in the country to ensure the balance for national security demand and individual/organisational privacy.