

**Enhanced information security model using an integrated approach**  
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Organizational assets are mainly vulnerable to attacks from user error, hackers and crackers, viruses and cyber criminals. This has resulted in loss of trillions of dollars around the world and over 4 billion shillings in East Africa. The objective of the study is to develop an enhanced information security model using an integrated approach among SACCOS in Kenya and to test and validate the enhanced information security model. The study used descriptive research. The total population of the study comprised of 135 SACCOS. Nassiuma (2000) scientific formula was used to determine the sample size of 85 SACCOS registered with SASRA. A pilot study was carried out to test the validity of the survey instrument. Cronbachs alpha of 0.70 coefficient variation was used to assess the internal reliability of the research instrument. The results of the study revealed that the enhanced information security model is suitable to enhance the information security within the SACCOS sector. This is evident because the findings indicated that the elements of risk assessment have positive significant effect on the enhanced information security among SAC-  
COS. Important contributions to the body of knowledge were the development of an enhanced information security model using an integrated approach for SACCOS in Kenya.

**Keywords:** Information Security; Models; Information Security Breaches.