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Secure Information Network for Kenya National Audit Office (KENAO)
A Prototype Design

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ABSTRACT

The objective of this Project is to develop a design for Kenya National Audit Office information network to enable quick and secure sharing of audit findings. To achieve this, a brief introduction of the organization history and mandate has been given. The literature review of some of the organizations that have implemented the same kind of information network has also been discussed together with how Ethernet Technology and Secure Socket Layer are implemented. System analysis has identified the existing information system, its requirements and weaknesses. System design incorporates the proposed network design, information system design and the security system design. A working prototype has been implemented and tested over a Local Area Network (LAN). Lastly an implementation plan for the way forward has been proposed together with suggestions for further study.

The results indicate that a secure information network is a desire for many organizations in the world bearing in mind that in the IT industry, security is of great concern.