

Title: Developing a Secure Integrated e-Voting System

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Abstract: The electoral system is paramount to the survival of democracy all over the world. Current happenings around the world, particularly in the developing world where poor conduct of elections had left a number of countries devastated are of great concern to world leaders. Therefore, efforts are ongoing to introduce a voting system that is transparent, convenient and reliable. This chapter presents an overview of an integrated electronic voting (e-Voting) system comprising: the electronic voting machine (EVM), Internet voting (i-Voting) and mobile voting (m-Voting). Similarly, issues of interoperability of the integrated system are discussed as well as the needed security measures. It is however recommended that emphasis be directed at EVM for use within the country while others are restricted to special cases of remote voting for citizens living abroad or living with certain deformities.