The acquisition of a reliable evidence during litigation is a major policing-challenge especially among the policing agent in developing nations. Whilst most policing agents have adopted technology towards evidence gathering, analysis and representation through mobile applications, the reliability of these digital evidences are often overlooked. To examine this probable anti-forensic practice, this study evaluated police-assisted mobile application based on the number of application download and user rating on the Google playstore. Furthermore, the study developed a forensic-process model for the integration of reliable forensic practice into police-assisted mobile application development. Based on the developed forensic practice the study evaluated the practicability of ensuring the forensic-soundness of police-assisted mobile application. The result from the evaluation supports the underlying level of forensic-soundness through which evidence admissibility can be ensured. This finding therefore establishes an empirical expose for awareness and the mitigation process against the anti-forensic practices. Additionally, the finding provides a justification for the acceptance or rejection of an evidence acquired from police-assisted digital applications