

ABSTRACT

Digital forensics is a branch of the parent forensic science that combines two scientific fields namely law and computer science, therefore digital forensics is concerned and has a focus on research from digital evidence found in a case in the form of storage media on a computer. The purpose of doing digital forensics is to find a clue that can be used in the research process of a case, until the evidence becomes valid and valid to be used as evidence in court.

The methodology used in this application is based on NIST 80086 starting from the acquiring stage to the reporting stage. This methodology is also used as a basis and standardization globally in conducting digital forensics so that these stages are the stages that every investigator must do in conducting digital forensic processes so that the results are accurate and valid to be used as evidence.

The results of this study are making applications that can assist investigators in cloning digital evidence of storage media for research on cloning storage media.

Key Word: *forensic digital, file recovery, partition cloning*