# Ensuring Reliable Evidence In Electronic Environment

by

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# ABSTRACT

This study attempts to highlight the importance of having metadata in electronic records system and ensure the reliability of the metadata as evidence. The managing of the electronic record keeping will tell whether there is mishandling of data, if there is improper metadata. Today, a lot of issue where data that generated from computer can easily being manipulated. Any person can releases data if there is improper security. Preventing, detecting, investigating and prosecuting the computer crimes must become a priority in order to lessen the impact on the economy and the public confidence. Law enforcement, as it stands now, is in danger of slipping further behind the highly sophisticated criminals. The needs and challenges can only be accomplished with the cooperation of the private and public sector to manage the electronic records by having and built in the requirement of electronic record and the awareness of the regulation and laws

*Key words : computer crime, metadata, electronic records, reliability, security*

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# 1. INTRODUCTION

The growth of the information age and the globalization of Internet communication and commerce have significantly affected the manner in which economic crimes are committed, the frequency with which those crimes are committed, and the difficulty of apprehending the perpetrators. Along with the convenience and easy access to information, come new risks. Among them are the risks that valuable information will be lost, stolen, corrupted, or misused and that the computer systems will be corrupted. If information is recorded electronically and is available on networked computers, it is more vulnerable than if the same information is printed on paper and locked in a file cabinet. Intruders do not need to enter an office or home, and may not even be in the same country. They can steal or tamper with information without touching a piece of paper or a photocopier. They can create new electronic files, run their own programs, and hide evidence of their unauthorized activity.

According to Brad Oates in his article on "Cyber Crime: How technology makes it easy and what to do about it", a recent