ABSTRACT

Nowadays digital document is an important aspect in the business world. Digital documents contain important data in the form of enterprise production data to financial data. Digital documents of the company can be accessed by people within the company using the media to share data. So that digital documents are prone to be leaked from both inside and outside the company. And if there is a leakage of information then the company will suffer many losses. To prevent leakage of digital documents, especially within the company, it is necessary to make security system for digital documents by inserting a specific information into each digital document copied by people in the company.

Based on the issues above, then company need a system that can insert a information transparently into digital documents copied by the peoples of company by using FUSE and Samba as a medium for sharing data.

From the tests conducted, the information was successfully inserted into several types of digital documents. However, it influences the timing and speed of document delivery. These results
indicate that the insertion of information transparently into digital
documents can be done using FUSE although it affects the timing
and speed of delivery of digital documents.

Keywords: Digital Documents, FUSE, Leaks, Information
Insertion, Samba, Transparent.