

*ABSTRACT*

*Today, feeling secure has become one of our needs. Because when we feel secure, we will feel comfortable too. But we will not feel secure anymore if we leave our valuable things far from our sight. Besides that, the conventional key does not give the guarantee of security because of its weakness. Changing the type of key from rotational combination number to digital number still doesn't give a secure feeling because this type of key still has a weakness.*

*So, monitoring and controlling of the valuable thing has become the right solution. With monitoring we can get a report if there is something not right happening on the valuable thing and we can decide the solution for that problem. Monitoring function which produces the alert is the standard for choosing the next action. And for controlling we have to do it in a simple way so we will feel comfortable to use it. And this system chooses SMS as a media for monitoring and controlling functions. Nowadays, Short Message or SMS is really familiar with us, so it won't be hard to use it.*

*In this final paper, Design and Implementation Security System Based on SMS Gateway on Storage Box, we can get the function of monitoring and controlling. Where SMS or Short Message Service becomes the solution because we usually use it and we can use it everywhere. Short Message Service can be a report for monitoring function and we can use SMS to lock or unlock the safety box for controlling function. I hope with The Security System on Safety Box we can feel secure and comfortable when we leave our valuable things. And using SMS as a key gives an easy way to control the safety box.*

*Keywords: monitoring, controlling, Safety Box, SMS, SMS Gateway, Security System*