

ABSTRACT

Today's, feel secure become one of our needs. Because when we feel secure, we will feel comfort too. But we will not feeling secure anymore if we leave our valueable thing far from our sight. Beside that, the conventional key is not give the guarantee of security because of the weakness. Changing the type of key from rotational combinational number to digital number still doesn't give a secure feeling because this type of key still have a weakness

So, monitoring and controlling of the valueable thing become the right solution. With monitoring we can get a report if there is something not right happen on the valueable thing and we can decide the solution for that problem. Monitoring function which produce the alert being the standard for choose the next action. And for controlling we have to do it in the simple way so we will feel comfort to use it. And this system choose SMS as media for monitoring and controlling function. Nowadays, Short Message or SMS 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 become the solution because we usual to 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 comfort when we leave our valuable things. And using SMS as a key give an easy way to control the safety box.

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