

CHAPTER V CONCLUSION AND SUGGESTION

5.1 Conclusion

Based on the research with the title “Analysis and Design Wireless Network Security CCTV Using Mikrotik Router with Penetration Testing Method” resulting from the implementation we can classify the connection between the router and CCTV using penetration testing method which related to the research as following:

1. Each connection between user with the CCTV itself and the hacker port are definitely separate and only has their own connection and can't accords between each other. This is probably the best way to prevent against the man in the middle attack
2. Definitely increase the security for CCTV connection with use of firewall filtering from Mikrotik Router which will prevent from the threat of breaching so called man in the middle attack happen with the connection.
3. Giving the realization towards this research that may pass to other upcoming researches to see the outcome of more dangerous cybercrime which connected to the advanced technology.

5.2 Suggestion

With the direct and development for this research to keep go on in the future.

The researcher will make a few suggestions as the following:

1. Should have develop more improve security from other type of network breach attacks because this research only focus to one type of attacks.

2. Suggest to get more various of CCTV for the trial to see better results of how the man in the middle attack in LAN (Local Area Network) scale.
3. Suggested for the next researcher to use other variation of apps or even better one to prevent from the attackers.