

ABSTRACT

Demands of Internet access in Indonesia is growing higher. Meanwhile, the expansion of telecommunication infrastructure is stagnant. The demands drive Internet Service providers (ISPs) look for an alternatives solution. In order to satisfy their customer, an ISP should be able to obtain alternative infrastructure technology beside the existing one. Therefore, Fixed Wireless Access is the answer to ISPs' requirement.

Wireless ISP is an ISP solely uses Fixed Wireless Access as its telecommunication infrastructure. Fixed Wireless Access, used by the Wireless ISP, has its characteristics that might be or might be not required by The ISP. On the other word, The Fixed Wireless Access probably gives contribution to the ISP growth.

In order to find the relationship and impact of Fixed Wireless Access to the entrepreneurial Wireless ISP growth, the research is conducted. The research covers all Wireless ISPs in 9 big cities in Indonesia. It is Started by distributing questionnaire to the key person on each Wireless ISP, then, the collected data is analyzed by using SPSS software. Following by reliability and validity test, then, correlation and regression test to answer the hypothesis.

Finally, the result would show that Fixed Wireless Access characteristics, dependability, supportability, security and manageability have a relation and impact to entrepreneurial Wireless ISP growth.

Keywords : Fixed Wireless Access, Wireless ISP, growth