

# Implementation of the Village Internet Program: Case Study of Rahayu Village, Soko Subdistrict, Tuban Regency

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**Abstract:** *The implementation of the Village internet program in Rahayu Village, Soko Subdistrict, Tuban Regency has been running for two years, however it still has a number of obstacles and dissatisfaction from the government and village communities regarding the implementation of the Village Internet Program. Slow internet access is a complaint that has existed since the beginning of the program. This study aims to explain the implementation of the village internet program, a qualitative approach used in this study. The main results and conclusions of this study indicate that the implementation of the Village Internet Program in Rahayu Village, Soko District, Tuban Regency has not been implemented optimally. This is because Rahayu Village has not optimized the use of the village website as a space for the community to get information.*

**Keywords:** *Implementation, Internet Program, Village Government*

## I. INTRODUCTION

The development of telecommunication and information technology today has slowly changed the face of the world from the conventional era towards the development of Internet-based ICT (Information and Communication Technology). The ICT revolution has helped change the behavior of modern society which tries to enter and breathe in the atmosphere of a new culture: a tendency to create a "paperless society" or a paperless society. Its use is not only focused on social activities, but has covered all fields because sophisticated aspects of automation are able to make all work more practical.

Indonesia is one of the countries with the largest internet users in the world and is ranked 4th after China, India and the United States. The total internet users as of June 2020 were 171.26 million internet users in Indonesia, with each year internet users growing by 10.2 percent or 27 million people. With the rapid increase in the number of internet users, the Indonesian government has initiated the use of ICT developments in the field of governance.

The Indonesian government is trying to encourage information and communication technology to play an important role in supporting sustainable development. Government ICT management or commonly known as e-Government is expected to enable the public and government to communicate better, cheaper and more effectively in the context of public services. Service quality will increase, citizen participation will increase, public trust will increase, transparency and accountability of the bureaucracy will be better. Moreover, the decision-making process within the government environment will be more precise, accurate and safer. So that the use of e-Government changes the behavior of officials and the community in managing public affairs for the better as regulated in the Presidential Regulation of the Republic of Indonesia Number 95 of 2018 concerning Electronic-Based Government Systems supported by Presidential Instruction of the Republic of Indonesia Number 3 of 2003 concerning National Development Policy and Strategy E-government.

Through Law Number 6 of 2014 concerning Villages, (a) Villages have the right to access information through a village information system developed by district / city local governments, (b) Government and Regional governments are required to develop Village information systems and development of Rural Areas, (

c) The Village information system as referred to in paragraph (2) includes hardware and software facilities, networks, and human resources, (d) Village information system as referred to in paragraph (2) Village data, Village Development data, Rural Areas, as well as other information related to the development of Villages and Rural Areas, (e) The Village information system as referred to in paragraph (2) is managed by the Village Government and can be accessed by the Village community and all stakeholders, (f) Regency / City Government provides information District / City development planning for Villages.

The Village Internet Program has been implemented since 2018 and in its implementation it has only been able to run 301 villages out of 311 villages in total in Tuban Regency. Of the 301 villages that have run researchers, 1 (one) village is the village of Rahayu. In general, the implementation of the Village Internet Program in Rahayu Village starts from the implementing organization, interpretation and implementation / implementation of the program. The Village Internet Program in Rahayu Village, which has been running for 2 years, still has a number of obstacles and dissatisfaction from the government and village communities related to the implementation of the Village Internet Program which is quoted from the news page <http://www.surabayapagi.com/read/ada-apa-dengan-internet-desa-di-tuban> which is explained as follows: (1) Slow Internet access. Complaints about slow internet access have been around since the start of the program. The obligation to pay 2 million per month is deemed incompatible with the service rights received, namely the bandwidth or data link speed of 2MB (Megabyte) downloading dedicated 2MB (Megabyte) uploading. (2) District governments that are considered to be interfering in the affairs of the Village Administration. According to the Coordinator for Advocacy and Budget Analysis, Fitra Jatim, explained that the Village Law mandates the principles of recognition and subsidiarity whereby the village has the right to take care of matters that are recognized as the authority of the village. Included in village financial management. This is because the district government should just oversee its output, such as the running of the Sirkudes, SIAK, DTKS and village websites.

## II. METHODS

The approach used in this research is a qualitative approach in which the researcher constructs the observed and assessed phenomena from the researcher who guides and forms conclusions (Djam'an Satori and Aan Komariah, 2009). This research is located in Rahayu Village, Soko District, Tuban Regency. The focus of this research is the implementation of the village internet program with the theoretical analysis of the O'jones implementation model, namely interpretation, organization and application. Retrieval of research informants using purposive snowball sampling technique. Sources of data used are primary data sources and secondary data by means of observation, in-depth interviews and documentation. In analyzing using interactive data analysis techniques Model miles and Huberman, who argued that "activities in qualitative data analysis are carried out interactively and continue to completion. Activities in data analysis, namely data reduction, data display and conclusion drawing / verifying" (Sugiyono, 2017). The data validity technique in this research is the persistence of observation and triangulation of sources.

## III. RESULT AND DISCUSSION

### Village Internet Program Interpretation

Interpretation is one of the stages in the program implementation process, which describes or is often referred to as making implementation rules so that the program becomes operational. Such as making technical instructions, implementation instructions or standard operating procedures related to the implementation of the program. Presidential Regulation of the Republic of Indonesia Number 95 of 2018 concerning Electronic Based Government Systems, supported by Presidential Instruction of the Republic of Indonesia Number 3 of 2003 concerning National E-Government Development Policies and Strategies, as the basis for running the Village Internet Program. Following are the results of the interview with the secretary of Rahayu Village related to technical instructions as follows:

*"The technical guidelines for the implementation of the village internet program are of course regarding the application of the application in the form of a guidebook or manual book. Because the realization of*

*the program is how the village government subscribes to the village internet in order to smooth the operation of public service applications in the village. Wait a minute I'll find the Siskeudes manual. The manual book itself is held and studied by each application operator, for example I am the village secretary who is responsible for managing village finances, what I operate is the Siskeudes application "* (Interview with the Village Secretary Rahayu)

Regarding the standard of service, the management of population administration of the SIAK operator in Rahayu village states the following:

*"There is a standard of population administration management services, but not in all villages, only a few have. Although there is no written standard operating procedure regarding this, I think it is better for the village's readiness to provide its services to the online-based community."* (Interview with the operator of SIAK Desa Rahayu)

### **Village Internet Program Organization**

At this stage the formation of the organization aims to form a group of people or bureaucrats who are responsible for implementing the program, as well as forming its structure and work procedures. The organization or institution in question is an organization or institution that is obliged to act as implementers in the implementation of the Village Internet Program. Implementation of Village Internet Implementation in Rahayu Village, Informant Head of Information Technology Empowerment and Development Division of Communication and Information Technology Office of Tuban Regency conveyed the following:

*"The beginning of the Village Internet Program was initiated in 2017 and began to be realized in January 2018 in Tuban Regency. The Office of Communication and Information Technology and the Office for Community and Village Empowerment and Family Planning only act as coaches to direct the village government in implementing the Village Internet Program, how can this program be realized in all villages in Tuban Regency."* (Interview with the Head of Information Technology Empowerment and Development)

Furthermore, related to the implementor at the village government level, the Head of Rahayu Village stated:

*"The Village Internet Program, which we know has existed since 2018 to realize a smart village, that village administration management, especially village financial information, is directed to be internet-based for transparency, accountability, order and budget discipline. For that we, the village government supports the Tuban Regency government program by making full efforts to make this program run well."* (Interview with the Head of Rahayu Village)

Utilization of the village internet to support the digitization of services with renewable technology, namely the existence of public service applications in the village, in the selection of candidates for public service application operators, the Head of Rahayu Village stated:

*"Village application operators such as the Village Web, SIAK, Siks-ng, and Siskeudes were appointed directly by me as the village head. The appointment itself is through a decree selecting candidates with the main requirement of having skills in operating computers or laptops. Then for the operating procedures, technical guidance has been carried out by the related offices in the Soko District pavilion."* (Interview with the Head of Rahayu Village)

### **Implementation of the Village Internet Program**

The implementation of the village internet program conceptually leads to how the village public service application is implemented, which consists of: Village website, SIAK, Siskeudes, Siks-ng. As well as how the program is implemented when viewed from the quality of the internet network. The village government is currently expected to be able to provide online-based information and services, especially through the media

website using the Village Information System (SID).SID is a computer-based data and information processing system that can be managed by the village government.The benefits of having the website itself are:

- a) More efficient and effective: managing village products, which can present all the potential of the village creative industry and can promote on the village website.
- b) Village services are more transparent and accountable: Community interaction with village officials can be direct without any time and time constraints
- c) Better public services: make it easier for the community to obtain information about the village.
- d) Better access to Village Information: provide and get information quickly without obstacles in the series of accelerated village development.

With advances in information technology, the information of an organization or government can be accessed by the public on the condition that technology managers optimize the use of technology to be used as a public space for information. Below is an inventory of information from the village website application:

Table 1. Information Inventory Data from Website Application

No	Category	Indicator	Parameter	Rahayu Village, Soko District
1.	Website	Content	a. Village Profile	There is
			b. APBDes for the current year	Not
			c. Realization of the previous year's APBDes	Not
			d. APBDesa	There is
			e. RPJM Village	Not
			f. Village Potential	Not

Source: data processed by researchers in 2021

As for the speed test of the strength of the internet network conducted by researchers in Rahayu village, it can be concluded that the internet network in Rahayu village is still not stable as the data in the following table:

Table 2. Internet Network Speed Test Data in Mbps

No	Village	District	Speed Test				
			1	2	3	4	5
1	Rahayu	Soko	35,8mb: 55mb	26mb: 39,7mb	31,5mb: 41,9mb	38,6mb: 41,1mb	57,1mb: 49,3mb

Source: data processed by researchers in 2021

#### IV. CONCLUSIONS

The implementation of the Village Internet Program in Rahayu Village, Soko District, Tuban Regency has not been carried out optimally.This is because Rahayu Village has not optimized the use of the village website as a space for the community to get information.Meanwhile, other applications such as Siskeudes, SIAK and SIKS-ng have been implemented.Because the process of service administration in the village government currently requires the village government to install these four applications to be implemented in order to digitize services at the village level.

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