

ABSTRACT

Information is a valuable asset that must be protected both individually and as an organization. Incorrect information greatly affects the decision-making process. As a result, information protection or security is required to reduce the untruth or threat posed by the information.

Based on the regulations or rules that have been issued by the competent authorities, one of which is the Minister of Communication and Informatics Regulation No. 4 of 2016, Article 7, which requires that every electronic system operator be able to implement information security in accordance with predetermined standards, Therefore, based on the regulations above, the researcher conducted research on the research object, namely the Ambon City Government Communication and Information Service, which used qualitative methods to collect and validate data by means of interviews, observations, and questionnaires, analyzed data using gap analysis, and measured the level of maturity with the CMMI index and the addition of criteria by reviewing Permepan 59 of 2020. In addition, it was found that the research object must apply the ISO 27002:2013 standard according to the results of the research that has been carried out.

The results of the study show that the *Maturity Level* of the object of research is at a value of 1.84 and is in a position (repeatabel), which means that the Ambon City Government Communication and Information Service is still carrying out procedures or policies, in part or not completely, or, in other words, there is a process that has been carried out but is not yet documented or not in accordance with applicable procedures.

Key Words : Control Annex, Information Security, Communication And Informatics Service, ISO 27002:2013, Permenkominfo, Permenpan, Cmmi.