

ABSTRACT

Data framework security mindfulness is vital in this cutting edge time and the fast improvement of innovation, the utilization of data frameworks is likewise utilized in different huge organizations, not exclusively to help with maintaining a business, yet additionally to be utilized as a climate for taking care of business. Companies in the oil and gas industry, like Company X, use technology as a means of carrying out their work, but it is not just technology-based businesses that benefit from technology and the times. The problem of information security can be broken down into two categories: user security and system security.

In order to guarantee the continuity of a company's business operations, every business has requirements for obtaining, storing, managing, and guaranteeing the confidentiality and security of company data. However, based on the information the author obtained about company X, numerous incidents of information security still occur due to employee carelessness. For instance, locating employees who are ensnared in phishing email simulations.

The oil and gas industry's digital maturity rating remains low. The purpose of this study is to ascertain the level of information security management awareness among Indonesian employees of oil company X's ICT division. The Human Aspect of Information System Questionnaire (HAIS-Q), which has seven focus areas in each dimension of knowledge, attitude, and behavior, was used to develop the questionnaire that was used in the research. It was distributed to employees of the ICT division of company X. The Analytical Hierarchy Process (AHP) is utilized in data analysis. The study's findings demonstrated that division X employees were in the "good" category.

Keywords: Information Security, Oil and Gas Company, Information security management.