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What Causes People with High Self-efficacy in Information Security to Exhibit Unsafe Compliance Behavior

TREO Talk Paper

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Abstract

Past research on Self-efficacy in information security gives clues about the failure of individuals with high Self-efficacy in information security to exhibit high compliance to information security. This is evidenced by research results that show a negative correlation between Self-efficacy in information security and compliance behavior (Tsai et al. 2016), although there are research results from many papers that show a positive correlation between Self-efficacy in information security and compliance behavior (Sommestad et al. 2014). Tsai et al. (2016) also had many factors positively influencing Self-efficacy in information security such as threat severity, threat vulnerability, safety habit strength, personal responsibility, and perceived security support. So, it is highly curious to know the context and situations in which individuals with high Self-efficacy in information security exhibit low compliance to information security. There may be a pointer to individual personality traits, the computer usage pattern when it comes to security software, or the kind of work habits which are contributing to the negative correlation. This is open for discussion.

References (optional)

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