

INFORMATION SECURITY POLICY COMPLIANCE BEHAVIOR OF IT PROFESSIONALS

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ABSTRACT

Based on their occupation, information technology (IT) professionals are directly involved in compliance with information security policies (ISP) within organizations. Drawing upon the Theory of Reasoned Action (TRA) and General Deterrence Theory (GDT), this study investigates the factors that influence ISP compliance behavior of IT professionals. Our hypotheses were tested using survey data from 324 IT professionals in the US, responses were collected through Amazon Mechanical-Turk. Our results show that organizational commitment, normative beliefs, risk, and perceived cost of non-compliance significantly impact ISP compliance of IT professionals. The study advances the literature on ISP compliance and IT workforce management.

Keywords: Information security compliance. Information technology professionals. Organizational commitment. General deterrence theory.