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Contribution ID: **160**   Type: **Talk**

Enhancing Forensic Readiness through an Integrated Approach to Fraud Risk Management throughout the Digital Transformation Lifecycle

Tuesday, 3 December 2024 11:20 (20 minutes)

In the contemporary digital landscape, organisations are increasingly undertaking complex Digital Transformation initiatives to enhance, among other aspects, operational efficiency and drive innovation. However, these transformations expose organisations to heightened risks related to digital crimes. Traditional Digital Forensic Readiness frameworks fail to effectively integrate within the Digital Transformation lifecycle. This shortcoming leaves organisations vulnerable to sophisticated fraudulent activities and hampers
their ability to effectively respond to and investigate digital crimes. This study employs a mixed-methods approach, beginning with a qualitative phase grounded in secondary research. The study concludes with a discussion on the Forensic Readiness Architecture (FORAC) Continuum, a new novel approach designed to embed Digital Forensic Readiness throughout the Digital Transformation lifecycle. Finally, the study presents a guideline on the application of the FORAC Continuum, to facilitate self-assessment and for use by organisations undertaking Digital Transformation initiatives.

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Session Classification: ISSA

Track Classification: Cybersecurity / ISSA