Final Research Project Submission
Introduction to Operating Systems

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Executive Summary

This submission presents a comprehensive research project investigating the integration of behavioral risk metrics into Governance, Risk, and Compliance (GRC) frameworks to reduce social engineering incidents in enterprise operating systems. The research demonstrates that a human-integrated GRC approach incorporating continuous behavioral simulations, OS-level monitoring, and machine learning analysis achieves a 37.5% reduction in social engineering incident rates compared to traditional technical-focused GRC approaches. This submission includes a 2-page IEEE-formatted extended abstract and a 12-minute recorded academic presentation summarizing the research findings.

[Integrating Behavioral Risk Metrics into Governance, Risk, and Compliance Frameworks to Reduce Social Engineering Incidents](#)

Human-Integrated GRC Framework for Social Engineering Prevention
[Video]