ISSN: 2320-5407

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

Manuscript No.: IJAR-59926

Title: Intelligent Network Monitoring and Proactive Cyber Threat Detection for Improving Enterprise IT Infrastructure Resilience in Saudi Arabia.

Recommendation:

Accept as it is .....

Accept after minor revision.....

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality			✓	
Clarity		✓		
Significance		✓		

Reviewer Id: JPR-264

Reviewer's Comment for Publication.

The manuscript presents a relevant and comprehensive review of intelligent network monitoring and proactive cyber threat detection for improving enterprise IT infrastructure resilience in Saudi Arabia. It examines various intrusion detection approaches, including machine learning, deep learning, graph-based analysis, collaborative threat intelligence, and alert correlation. The proposed resilience-oriented architecture effectively integrates network telemetry, asset context, threat analysis, human supervision, controlled response, and service recovery. The discussion of dataset limitations, concept drift, adversarial robustness, alert fatigue, and operational continuity adds practical value to the study. The manuscript is logically organised and provides useful evaluation criteria for future enterprise cybersecurity implementations. However, minor revision is recommended to improve the consistency of technical terminology, correct typographical and formatting issues, and ensure uniform presentation of references and citations. Overall, the manuscript makes a meaningful contribution to enterprise cybersecurity research and is relevant to the journal's scope.