

## **ABSTRACT**

*In today's digital era, the reliability and efficiency of computer networks are crucial factors in the operations of various organizations. Network monitoring has become an essential need to ensure optimal performance and early detection of issues that can disrupt network activities. This study aims to analyze the use of Netmonk software in network monitoring. Netmonk is a software that offers various features for real-time network performance monitoring, including traffic monitoring, latency, and bandwidth usage. This study evaluates the effectiveness of Netmonk in helping network administrators quickly and efficiently identify and resolve network problems. Through testing and data analysis from various network scenarios, the results show that Netmonk can enhance the speed of issue detection and provide comprehensive reports for network improvement and optimization. In conclusion, Netmonk is a reliable and effective tool for network monitoring, helping organizations maintain stable and optimal network performance.*

**Keywords:** *Network Monitoring, Netmonk, Network Performance, Real-Time Monitoring, Issue Detection*