

## **ANALYSIS OF NETWORK BASED INTERFACE MANAGEMENT SYSTEM FOR LARGE SCALE CONSTRUCTION PROJECTS**

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### **ABSTRACT**

Safety methods in the field of construction are a serious issue in the global construction industry, especially in large-scale construction projects. A conceptual framework of adopting a novel technology to aid in construction safety management is carried out in this project in order to improve the performance of safety management. The whole project consists of recognition of unsafe parameters in construction areas and safety training. A case study will be utilized to demonstrate the implementation of the safety management platform and assess its possibility and authority. It is anticipated that the safety management platform can effectively come to rescue in safety management and enhance the safety performance of various construction management systems and processes. It is well known that technology has been widely applied in several areas such as retail, logistics, supply chain management, security areas, and so on. It has delivered huge advantages in the above avenues through improving real-time information visibility and traceability. This project aims to investigate various scenarios that illustrate the uses of technology in construction project management. The research will be based on a brief summary of recent developments of technology in different industrial sectors including construction.

**KEYWORDS:** Safety Methods, Recent Developments of Technology, Real-Time Information Visibility