

IoT applications in monitoring industrial factories

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Abstract: In the context of the increasing importance of managing and optimizing the operations of industrial plants, this topic aims to research and apply Internet of Things (IoT) technology to create a comprehensive monitoring system. The goal is to build an IoT system that automatically collects data from devices in the plant, analyzes information to optimize production processes, and enhances operational efficiency. The research methodology includes a combination of IoT theory and experimental deployment at an industrial facility. The topic is expected to provide useful solutions for the industry, contributing to the development of smart technology in plant management.

Keywords: IoT, industrial plant monitoring, production optimization