

Building a program to collect data, receive warning information, and control devices from a sensor network via SMS messages.

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Abstract: This topic focuses on building a system to collect natural data, receive alerts, and control devices via a sensor network based on SMS messages. The research aims to meet practical requirements in remote management and monitoring of smart devices. The approach combines theoretical research and experimental implementation to determine system performance and broad applicability. The expected outcome is the creation of a new technological solution that can be used in various fields such as automated agriculture, home healthcare, and environmental resource management.

Keywords: Sensor system, SMS messages, Information management, Remote control, Automated agriculture