

Building a smoke warning module for BTS stations.

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Abstract: In the context of increasing fire and explosion risks at Base Transceiver Station (BTS) sites, this topic focuses on developing and deploying an early warning system based on the sensitivity of smoke sensors. The objective is to improve security performance and information safety for mobile networks. The research method combines sensor theory with experimentation to evaluate the effectiveness and reliability of the proposed solution. The expected outcomes of this system not only help prevent fire and explosion incidents but also contribute to enhancing the quality of mobile services.

Keywords: Smoke warning, BTS, Sensor, Information security, Network safety