

The study surveys the process of establishing and integrating 3G base stations.

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Abstract: In the context of the strong growth of 3G mobile and increasing network performance requirements, this topic aims to survey and establish a process for integrating 3G base stations. The objective of the research is to build an efficient base station system to meet the demand for mobile service usage in practice. The implementation method is based on a combination of theoretical analysis and trial deployment at typical locations to ensure the feasibility of the proposed solution. The expected results from this research will contribute significantly to the technical improvement of mobile networks and enhance service quality for users.

Keywords: 3G base station, mobile network survey, 3G technology integration, mobile network system, station setup process