

Optimization of 3G radio access network and application at Vinaphone Thanh Hoa.

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Abstract: This thesis aims to research and apply 3G radio access network optimization methods in the actual operation of Vinaphone Thanh Hoa. By analyzing the current network context, the thesis sets the goal of improving service quality as well as minimizing operational costs. Using a combination of theoretical research and experimental deployment at representative locations in Thanh Hoa province, the paper proposes effective technical solutions to optimize the 3G network. The expected results will contribute to significantly improving the quality of mobile services and creating a foundation for future research and development of new technologies.

Keywords: Network optimization, 3G, Vinaphone Thanh Hoa, Mobile technology, Experiment