

Evaluation of optical access network quality in Pho Yen district area.

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Abstract: In the context of increasingly developed information technology infrastructure, evaluating the quality of optical access networks in Phở Yên district aims to identify the current situation and propose solutions to improve service performance. The objective of the study is to build an analytical model to measure the QoS indicators of optical cable lines, thereby establishing a network quality management system. The research method applies a combination of current status research and practical trial deployment in Phở Yên district. The expected results will contribute to improving internet services for residents, while providing a database for information technology infrastructure management decisions.

Keywords: Network quality assessment, fiber optic, QoS, Pho Yen district, network quality management