

Analysis and evaluation of factors affecting FTTX network quality

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Abstract: This topic aims to analyze and evaluate the factors affecting the quality of Fiber To The X (FTTx) networks. The context of the topic is set by the continuous development of information technology, in which the quality of FTTx networks plays a key role. The objective is to identify the important factors affecting service quality and to build a network quality prediction model. The research methodology includes synthesizing existing literature and conducting experiments on a real FTTx system, combining theory with practice. The topic aims to provide insights into the determinants of FTTx service quality, while contributing to the improvement of network performance.

Keywords: FTTx, network quality, analysis and evaluation, information technology, prediction model