

Research on multimedia streaming technology and its application in digital television over IP

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Abstract: This topic focuses on researching multimedia streaming technology and its application over IP networks, particularly in the field of digital television. This paper aims to explore the necessity of streaming technology and proposes an IP network-based solution to improve the quality of traditional broadcast television services. Through a combination of theoretical research and practical methods, this study will construct an efficient streaming transmission system and verify its practicality and effectiveness. The expected results will not only enhance the viewer experience but also bring new development opportunities for related industries.

Keywords: Multimedia streaming, IP network, digital television