

Application of OptiX OSN 6800 equipment in Ninh Binh's ASON optical switching network

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Abstract: In the context of the rapid development of information technology, the application of Auto Switched Optical Network (ASON) solutions is becoming increasingly important in Ninh Binh province. This study aims to research and apply the OptiX OSN 6800 device in the local ASON system to optimize operational performance, enhance network self-management capabilities, and meet high bandwidth demands. The research methodology includes theoretical and experimental analysis, with the goal of building a comprehensive deployment solution for Ninh Binh. Thereby, the study not only contributes to upgrading digital infrastructure but also provides deep insights into the application potential of ASON technology in both urban and rural areas.

Keywords: OptiX OSN 6800, ASON, Ninh Binh, Optical switching network, Network optimization