

Design of an integrated Wifi system with IBS for the building of the Ministry of Information and Communications

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Abstract: This topic aims to design and deploy an integrated Wi-Fi system with the Integrated Building System (IBS) for the building of the Ministry of Information and Communications. The context set by the continuous development of information and communication technology, along with the need for efficient management of services within the building, has driven the necessity for integrating Wi-Fi into the existing IBS system. The research method is based on a combination of telecommunications network theory with practical experimentation in the field. It is expected that the topic will significantly contribute to improving operational performance and optimizing smart building management.

Keywords: Wi-Fi integration, Integrated Building System (IBS), Smart building, Building management, Information technology