

Building a wireless SCADA system using ZigBee technology

Ta Van Hau

Abstract: This topic addresses the necessity of deploying wireless supervisory control and data acquisition (SCADA) systems in engineering practice. The objective is to build a SCADA system based on the ZigBee platform to optimize the management and monitoring of industrial processes. The research methodology involves combining wireless network theory with practical implementation to ensure stability and efficiency in communication. This topic is expected to provide an innovative application solution for the field of industrial control and monitoring.

Keywords: SCADA, ZigBee, Wireless Technology, Process Management, Industrial Monitoring