

Moxa W406-CE Wireless Computer Easily Builds an All-in-one SCADA Monitoring System

2010-05-28

Location / Country :Asia

Product Solutions:

W406

RISC-based wireless embedded computer with GSM/GPRS/EDGE, 4 DI, 4 DOs, 2 serial ports, Ethernet, SD

Introduction

Project Introduction

Moxa's W406-CE computers helped a company in Asia quickly build an all-in-one solution for a SCADA monitoring solution that includes wireless communications (GSM/GPRS/EDGE), I/O connections, data computing, and protocol conversion.

System Requirements

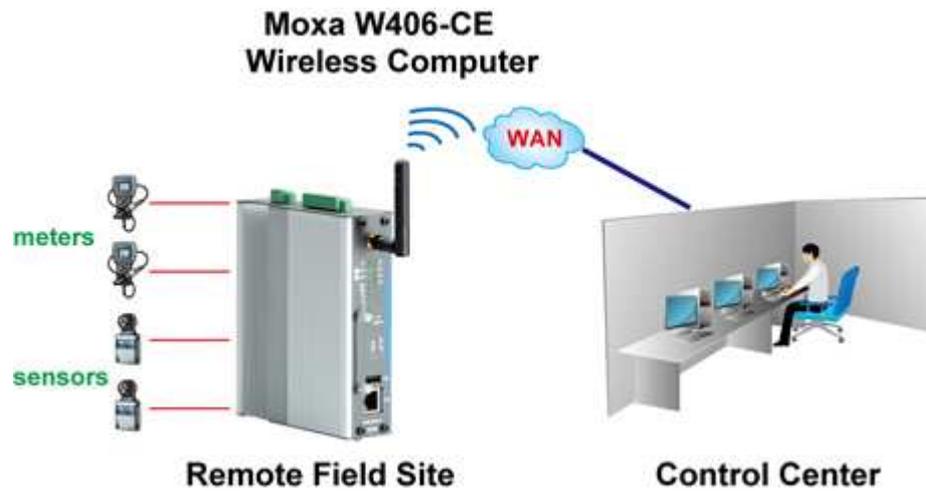
- Reliable wireless communications with GSM/GPRS/EDGE support
- Digital input and output channel support
- Easy-to-use platform for system development and integration with the existing DNP 3.0 protocol

Moxa Solution

The customer's existing solution combined I/O servers and industrial computers to monitor devices remotely. However, for scenarios with less demanding I/O requirements, Moxa's W406-CE computers can be deployed for a quick all-in-one solution that includes a wireless communications (GSM/GPRS/EDGE) module, digital input/output channels, data computing, and protocol conversion.

W406-CE computers have a GSM/GPRS/EDGE wireless module built-in and offer reliable data communication over a wireless network. The four digital input and four digital output channels provide a cost-effective I/O solution that fit the requirements of locations with less demanding I/O requirements.

The W406-CE runs on the familiar Windows CE 6.0 platform, which made it easy to integrate the DNP 3.0 protocol with the system. The complete W406-CE package was a convenient, single-device solution that works with less effort and at a lower cost.



Why Moxa

- Wireless computer with GSM/GPRS/EDGE communications
- 4 digital input channels/4 digital output channels for I/O device connectivity
- Ready-to-run Windows CE 6.0 platform for easy integration with the existing DNP 3.0 protocol
 - Front-end controller for data acquisition, data analysis and data computing to reduce the workload on the back-end server
 - Fast access to technical support for hardware and software compatibility
 - Windows CE 6.0 platform for easy application development and deployment