



## Remote Monitoring with Korenix JetBox 8210

February 18, 2009: Remote monitoring architecture is applied to many different markets, such as POS, banking, telecom, transportation, industrial automation, energy, power, military, and medical fields. Field site devices such as PLCs, sensors, meters, and RFID readers can be connected to the JetBox 8210 through serial ports, USB ports, and DI/DO. The JetBox 8210 performs as an intelligent agent to monitor the status of field devices and transmit messages to back-end technicians through its dual Ethernet ports or USB wireless dongle while abnormalities occur. Further, the JetBox 8210 with Modbus gateway function let industrial automation developers consolidate field devices into SCADA system easily.

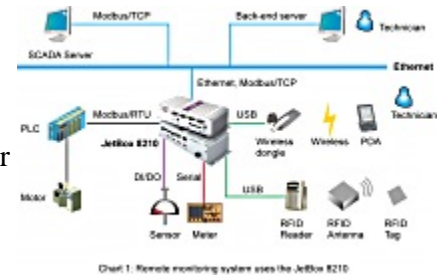


Chart 1: Remote monitoring system uses the JetBox 8210



Front-end monitoring systems requires fewer resources than general high-end monitoring systems. They work as intelligent agents and focus on message communication between front-end machines and back-end technicians. Basically, this requires hard real-time function for monitoring the machines and networking abilities such as Ethernet or other wireless networking for message transmission.

### Windows CE.NET

Although Windows 2000/ XP/ Vista are easy to use and are familiar to end-users, they are also complicated with many application programs included and the real-time performance of the system is limited. In contrast, Windows CE.Net is designed for such monitoring systems and contains complete characteristics of an embedded system, fitting front-end control requirements such as real time function, network and web service, or wireless networking ability.

### About Korenix

Korenix Technology is dedicated to developing industrial communication solutions to fulfill customer expectations from various industrial applications.

Korenix Technology +886-2-8911-1000

[sales@korenix.com](mailto:sales@korenix.com)

[www.korenix.com](http://www.korenix.com)