

**Overview**

Sierra Monitor is a leader in protocol gateways for the building automation industry, enabling system integrators and developers to prepare building automation and process control infrastructures for the future by breaking down protocol barriers.

With the QuickServer KNX Gateway, FieldServer enables data access from KNX networks to devices and networks utilizing open and proprietary protocols such as BACnet, Modbus, LonWorks, Metasys N2 by JCI, SNMP and more. With over 100 protocols available in the extensive FieldServer Driver Library, no other product can connect KNX to more products!

FieldServer is in thousands of installations with over 700 translation paths. These gateways are LonMark certified, BACnet compliant, Metasys N2 compatible and mission-critical tested.

QuickServer is a galvanic-isolated translator device on KNX/TP installations with control and monitoring capabilities. All EIS data types are supported, allowing communication to any kind of KNX devices in the installation, such as temperature sensors, shutters, light switches, actuators, alarms etc.



Typical data points supported on the QuickServer with KNX are:

- Switching (EIS1, 1-bit)
- Dimming (EIS2, 4-bit)
- Time (EIS3, 24-bit)
- Date (EIS4, 24-bit)
- Float (EIS5, 16-bit)
- Value (EIS6, 8-bit)
- Drive Control (EIS7, 1-bit)
- Priority (EIS8, 2-bit)
- Float IEEE (EIS9, 32-bit)
- Counter (EIS10, 16-bit)
- Counter (EIS11, 32-bit)
- Access Control (EIS12, 4-bit)
- ASCII character (EIS13, 7-bit)
- Counter (EIS14, 8-bit)



The product versions include:

- **KNX Gateway:** Allows BMS systems to access a KNX network using direct read and write of KNX configured groups. This setup does not require the use of ETS4 to configure the QuickServer KNX gateway.
- **KNX Device Emulation:** Allows third party devices to be recognized as KNX devices. This utilizes the system mode offered by ETS4, to configure the QuickServer along with the rest of the devices in the KNX installation. (Note: Available mid 2013)

To ensure total satisfaction with our products, FieldServer emphasizes comprehensive customer service and support. This commitment to the highest level of service extends beyond the sales cycle and throughout the product life cycle.

**Protocols Available**

KNX	BACnet MS/TP	LonWorks	XML	GE-EGD
Allen Bradley CSP	BACnet Ethernet	Modbus RTU	DNP 3.0	Plus over 100 legacy and proprietary protocols
Metasys N2 by JCI	BACnet/IP	Modbus TCP/IP	SNMP	

For more information: <http://www.sierramonitor.com/connect/protocol-gateway-integrators/knx>

**FieldServer Advanced Functions**

Data Relocate	Scaling	Checking your configuration	Passive Client applications
Data Manipulation	Logic	Active Server applications	Reporting Node Status
Bit packing	Testing tools	Web discovery interface	Web browser interface