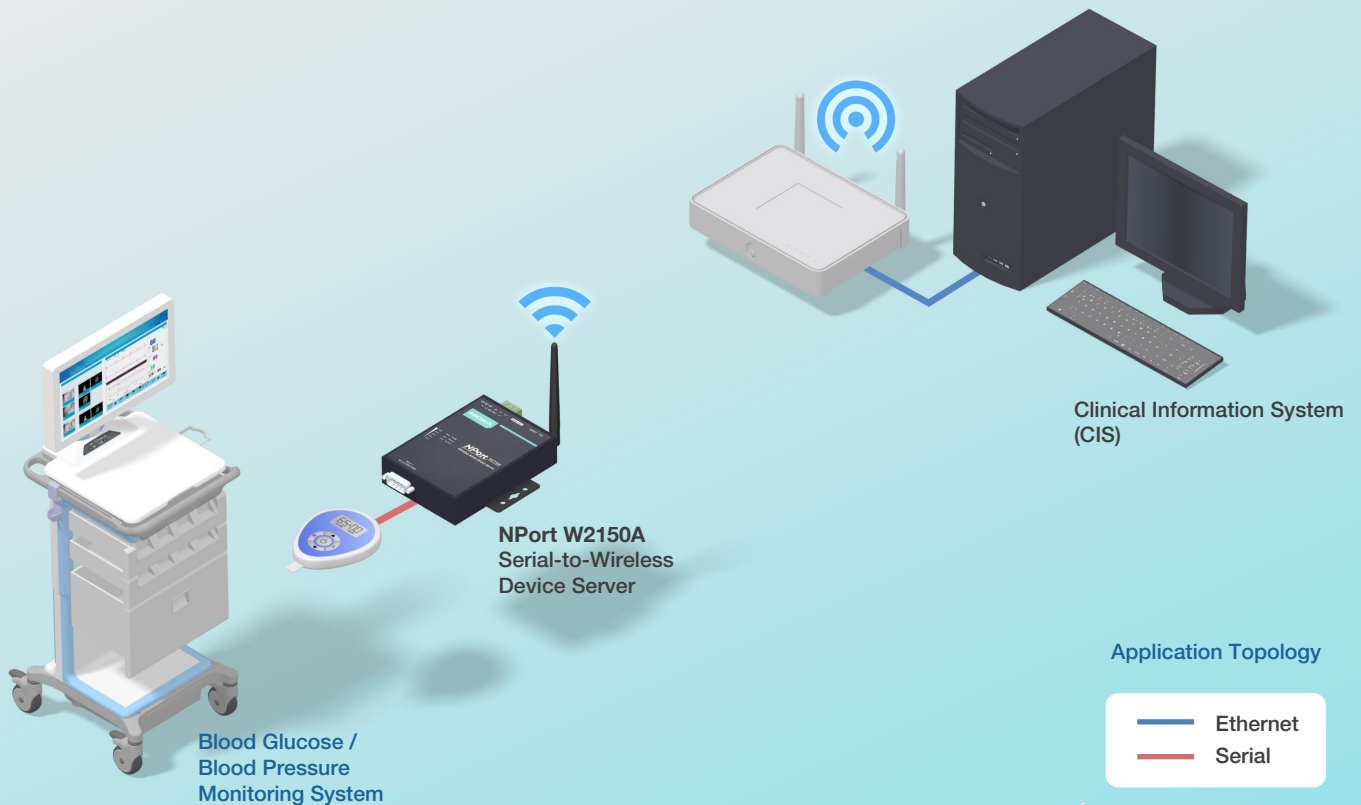


Mobile Medical Carts

Medical carts help healthcare professionals and patients and have become a fundamental part of the medical service experience. The solution helps with transferring medical records to servers and then with further sharing and analysis.



Background & Requirements

- Nurses can track patient vital signs regularly
- Medical records can be transferred to servers and then shared with all hospital departments
- RS-232 conversion enables medical equipment to communicate with computers via Ethernet

Why Moxa?

- Offline port buffering ensures zero data loss
- Locking power screw type
- Data encryption of patient information

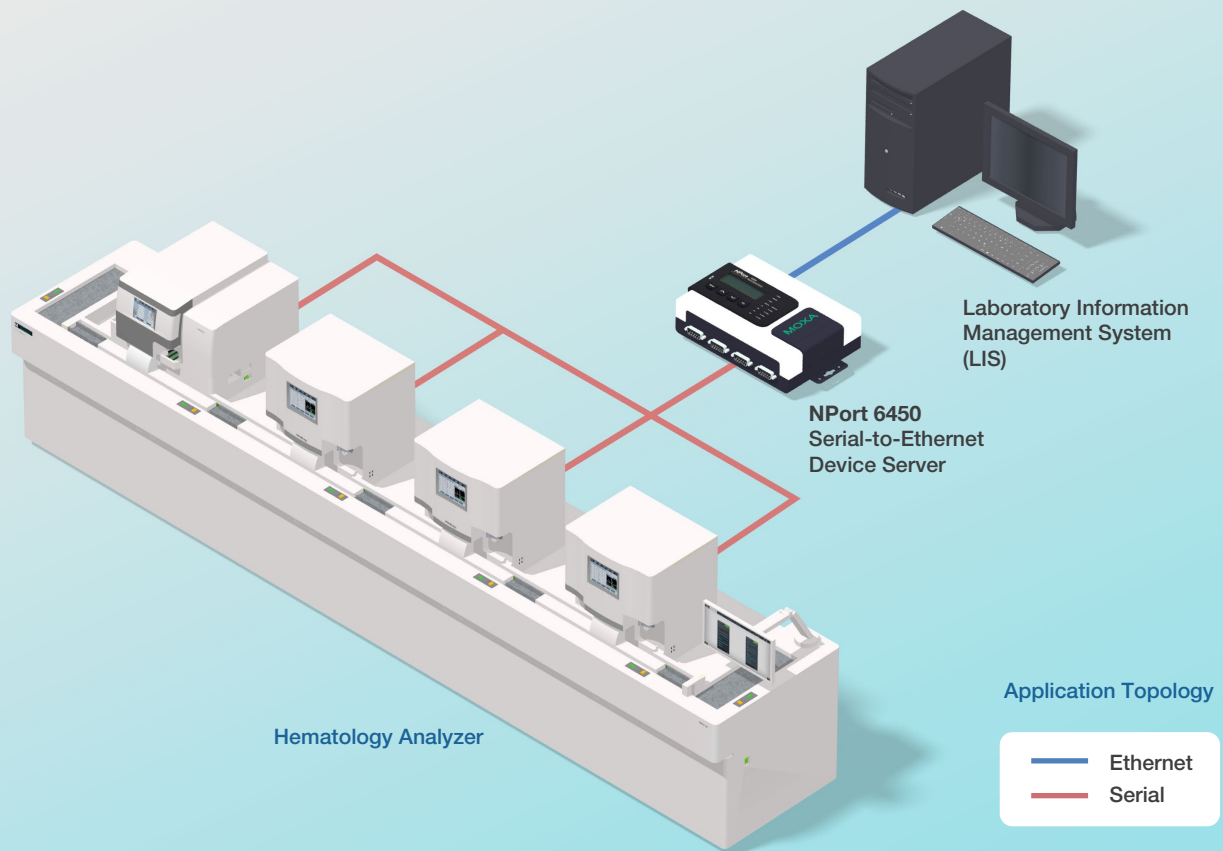


NPort W2150A/W2250A Series Serial-to-Wi-Fi Device Servers

- Web-based configuration using built-in Ethernet or WLAN
- Remote configuration with HTTPS, SSH, and secure data access with WEP, WPA, WPA2
- Fast roaming for quick automatic switching between access points
- Offline port buffering and serial data logging

Automated Hematology Analyzer

With the data sent to a laboratory information system (LIS) database, doctors can provide prompt consultation and management services such as disease diagnosis, prevention, and health assessment.



Background & Requirements

- Analysis and inspection results as well as medical records can be automatically transferred to a laboratory information system.
- RS-232 conversion enables medical equipment to communicate with a computer via Ethernet/USB

Why Moxa?

- Reliable real-time data transmission
- Data encryption of patient information
- The latest Windows driver support
- Locking power screw type



NPort 6400/6600 Series

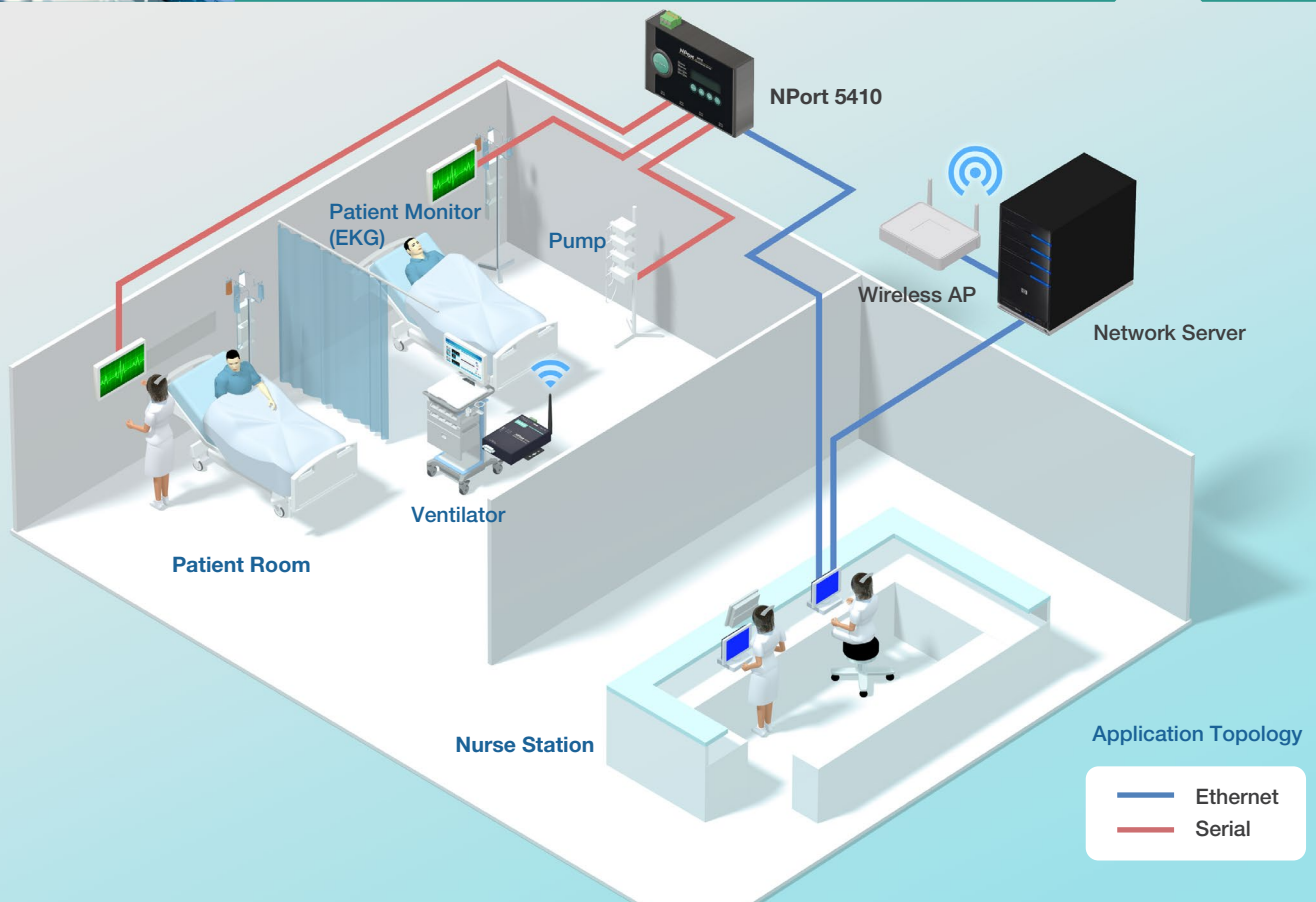
Secure Terminal Servers

- LCD panel for easy IP address configuration (standard operating temp. models only)
- Secure operation modes for real COM, TCP server, TCP client, paired connection, terminal, and reverse terminal
- Non-standard baud rates supported with high precision
- Port buffering for storing serial data when the Ethernet is offline
- IPv6 support
- Security features based on IEC 62443

MOXA®

ICU Care Systems

ICU patients require care from different specialists and their condition is often critical. Nurses must quickly and precisely grasp the patient's condition and be able to handover patient information reliably.



Background & Requirements

- Replace traditional paper charts with electronic medical records (EMR)
- Connect multiple serial-based bedside monitoring devices
- Real-time data transmission to nurse stations and central monitoring systems

Why Moxa

- Reliable real-time data transmission
- NPort 5410 with LCM human-machine interface allows for on-site configuration
- Compact size for easy installation

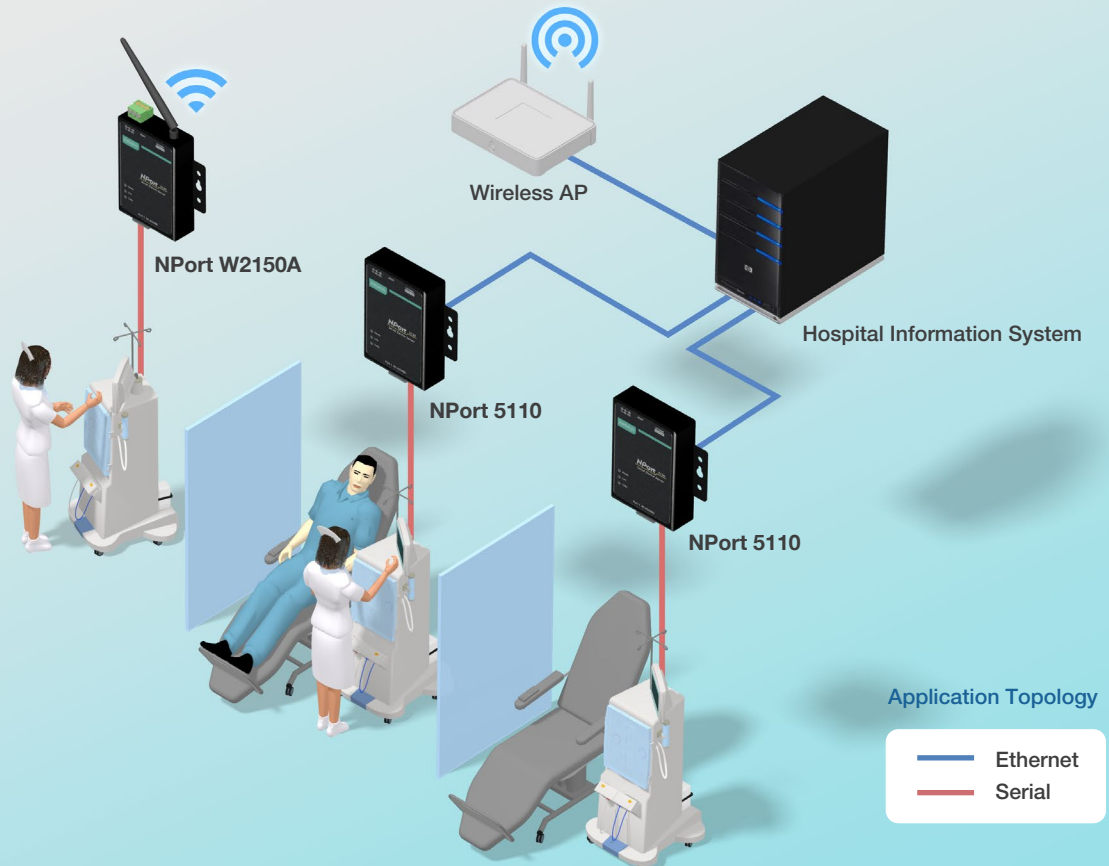


NPort 5410 Series Serial Device Servers

- User-friendly LCD panel for easy installation
- Adjustable termination and pull high/low resistors
- Supports TCP server, TCP client, and UDP socket modes
- SNMP MIB-II for network management

Hemodialysis Machines

There are 20–30 types of data used in hemodialysis machines. Real-time data acquisition can be more complete than manual recording and can be utilized to predict hypotension in patients, thereby reducing discomfort during treatment.



Background & Requirements

- Connect network dialysis machines to a data management system for patient monitoring during treatment or for archiving patient records
- Supports bi-directional data exchange
- Both wired and wireless solutions for both fixed and mobile dialysis machines

Why Moxa?

NPort W2150A, NPort 5110

- Wired and wireless serial-to-Ethernet solutions provide flexible setup options to both on-site dialysis machines and mobile medical carts
- Seamless roaming with a user-definable signal strength threshold for NPort W2150A
- Compact size for easy installation
- Includes monitoring and troubleshooting utilities



NPort 5100 Series Serial Device Servers

- Small size for easy installation
- Real COM/TTY drivers for Windows and Linux
- Standard TCP/IP interface and versatile operation modes
- Easy-to-use Windows utility for configuring multiple device servers
- SNMP MIB-II for network management
- Adjustable pull high/low resistor for RS-485 ports

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