

Medical Devices As-A-Service

Meet Dr. Kumar



Dr. Kumar is the CEO of a medical device company that manufactures blood analyzers used in hospitals around the world. She is an experienced physician and medical researcher, working globally for both large and small healthcare organizations.

THE CHALLENGE

REMOTELY MONITOR BLOOD ANALYZERS TO OPTIMIZE PERFORMANCE

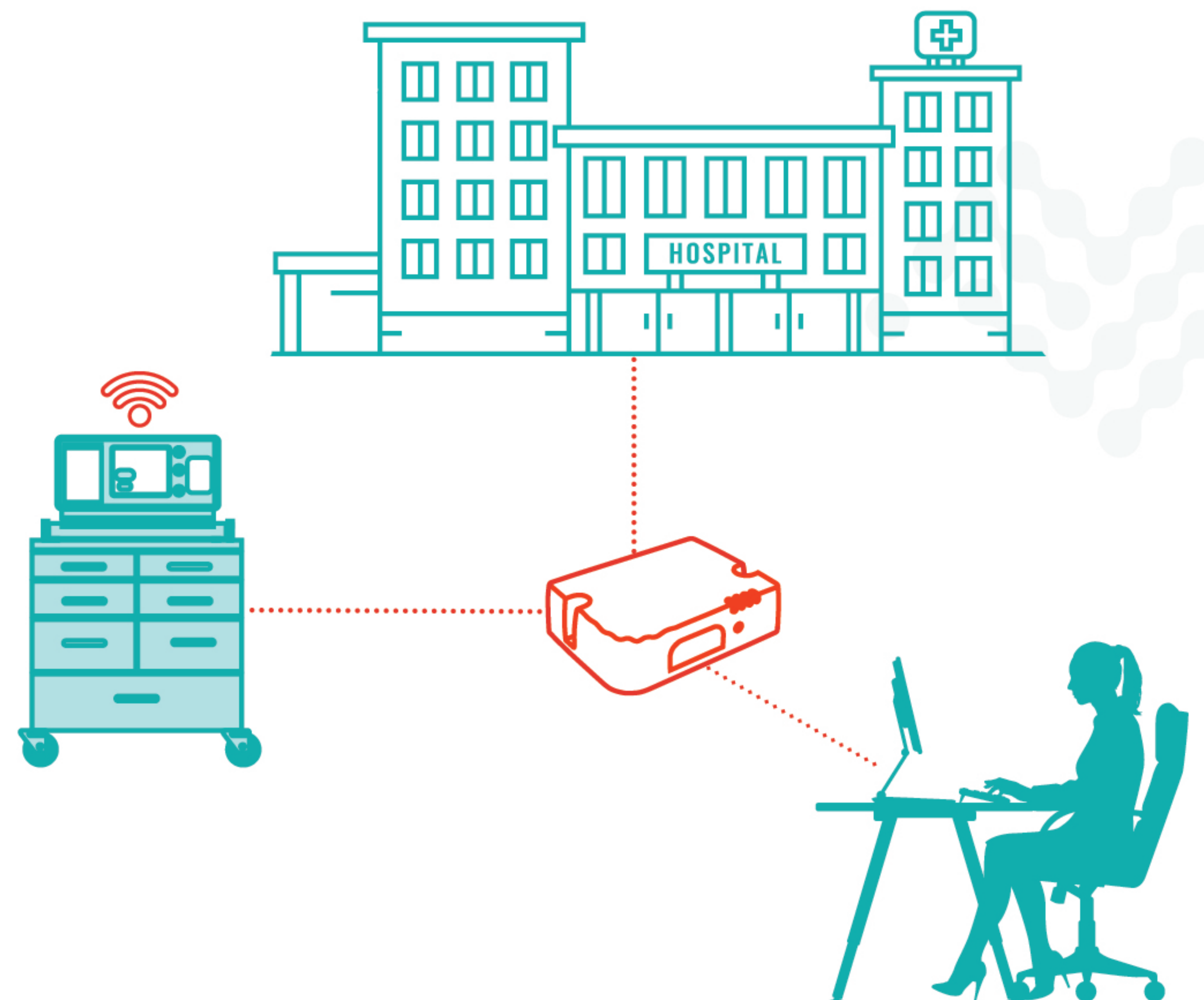
Blood analyzers are complex systems. To optimize their performance, it's critical to continuously monitor their operation, check for alerts and troubleshoot technical issues in a timely manner. Relying on a hospital's IT network for real-time monitoring is a challenge due to network congestion and outages.



THE SOLUTION

ADDING WIRELESS ROUTERS DELIVERS REAL TIME SYSTEM MONITORING

Dr. Kumar's team added Sierra Wireless cellular routers to their blood analyzers enabling them to reliably transmit system data back to the company without the use of a hospital's IT network. The out-of-the-box solution eliminated the need for blood analyzer design modifications, reducing field retrofit time and expense.



THE RESULTS

INCREASED BLOOD ANALYZER PERFORMANCE AND UPTIME

Using wireless routers, Dr. Kumar's company was able to gain the real-time communications needed to maintain blood analyzer performance, improve preventative maintenance and increase system uptime. Using Sierra Wireless AirLink® Management System (ALMS), the company was able to track the operational status of thousands of blood analyzers around the world and remotely deliver software updates as needed.