

Vision Enhancement System

Bausch+Lomb is the world's leading provider of eye health products, including contact lenses, lens care products, medicines and implants for eye diseases. They have an eye surgery platform called "Stellaris". Stellaris allows eye surgeons to do 3 kinds of eye surgery: cataract removal surgery, posterior combined surgery, and coagulation laser surgery to reattach retinas and treat macular degeneration. B+L was looking for a centralized way to connect to their Stellaris platforms once they are installed and in use in hospitals around the world. Most customers are on maintenance plans, so B+L would send techs out for maintenance and they would also collect log files which are useful, but not that useful in when they can't get them in real time and in a central database. B+L chose the solution to connect surgery machine via SmartFlex router to the central room.

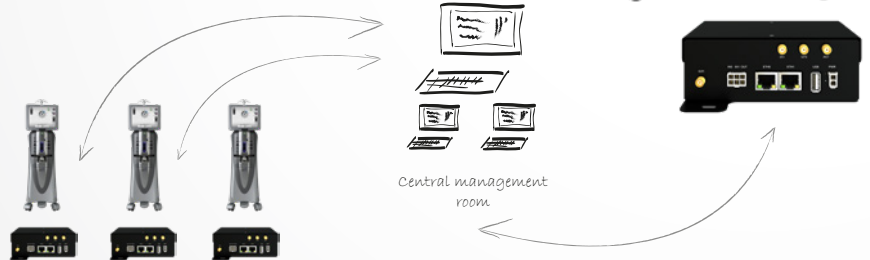
Bausch+Lomb can now:

- Collect: machine life data, boots, settings used during surgery, remotely fix touchscreen calibration
- The end customer (eye surgeons):
 - Now get 99% uptime, so they never have to delay surgery
 - ASAP support, global access to machines
 - Customization of settings: vacuum level, infusion pressure, laser max threshold, dual axis footpedal can now be mapped into any function.

Used HW:

SmartFlex

LTE Router
2x Ethernet 10/100
USB, I/O, WiFi
2x SIM card



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