

Defining Satellite Robotics Surgery using IOT

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Opinion

Now days Internet of Things (IoT) is making everything, remote control and remote operating possible and change imagination of objects communication into reality using Satellite based USN (Ubiquitous Sensing Network). IoT is all ultimate communication technology where not only living but also all non-living things can

communicate, command, control, process using their unique RFIDs and USN. Hence it would be possible what I hypothesis "Satellite Robotic Surgery using IoT". I have drawing one model to explain how this happen will possible in near future labeled as "Satellite Robotics Surgery Model (SRSM)". Let me explain you how it would be engineer and functional (Figure 1).

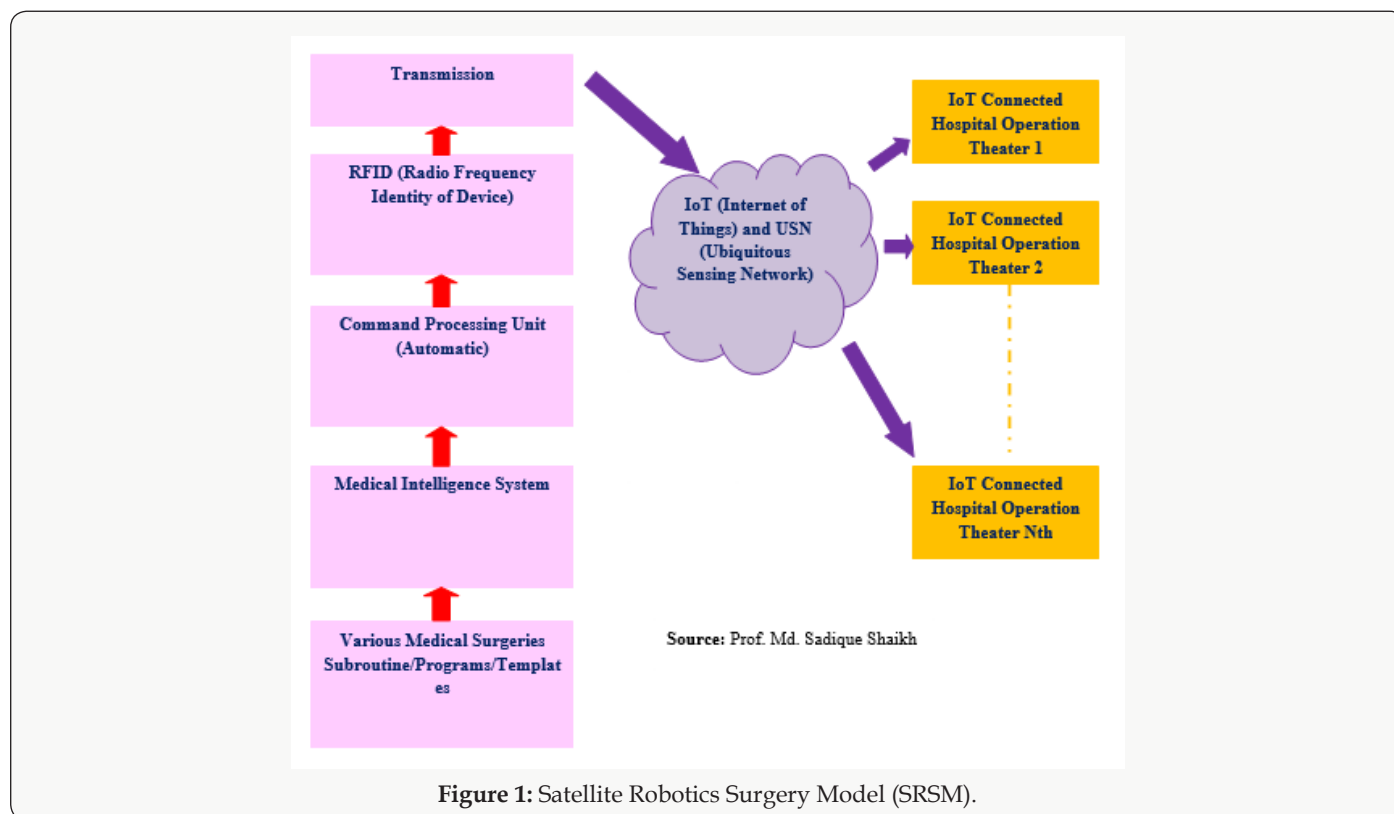


Figure 1: Satellite Robotics Surgery Model (SRSM).

To implement Satellite based robotics surgery using IoT very first requirement is Various Medical Surgeries Subroutine/Programs/Templates which passes through Medical Intelligence System to decide which surgery procedure requested from client hospital from which country and what surgical method is efficient from the alternatives subroutines and what are seriousness, complication and nature of surgery. After medical intelligence decision support system decision commands prepared and send

to command processing unit. The function of command processing to caliber command with precise control, time management, signal conditioning and data acquisitions. At next level whole process included its RFID and streaming through transmission unit to client's hospitals from 1, 2, 3 ... Nth using USN and IoT with satellite-based communication worldwide with granting to requests of number of client's hospital who requested for satellite based robotic surgery using IoT.

Conclusion

I have discussed how Satellite Robotic Surgery possible using IoT and USN with the help of Satellite Robotics Surgery Model (SRSM)". The big advantage of this technology surgical operation possible from expert programs with absence of doctors but one big disadvantage would be if data streaming command communication failure or break at any point become cause of stop remote surgery or obstacle because of distortion in signal reception at client's hospitals.



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