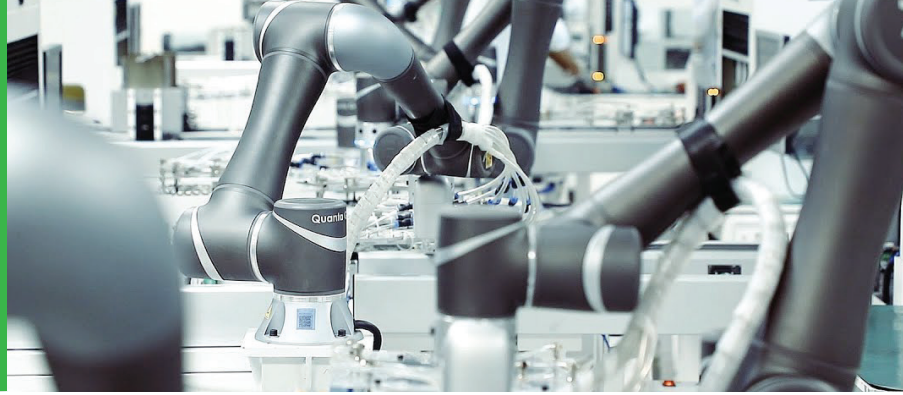


Healthcare Industry

TechMan Robots perform mundane tasks for the healthcare industry, freeing up professionals to focus on more important tasks.

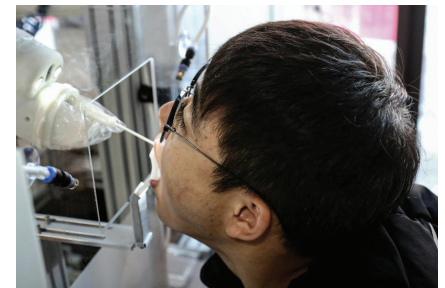


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CHALLENGE

Increasing demand from services like patient monitoring, medicine dispensing, maintaining patient records, e-prescription, billing, insurance claim, and patient nursing will promote market penetration. In addition, precision in working, reducing nurses' stress, and improved productivity has encourage the cobots adoption.

The rising requirement to facilitate automation in the healthcare industry to reduce infection exposure to front-line workers along with increased technological advancement in inpatient care services, has influenced the healthcare collaborative robots market growth. TechMan robots are being used in the medical industry to perform various tasks. Starting from the administrative task, lab testing, patient care, and surgical aids. These cobots require an hour to fill the gap between the ongoing medical industry burden and staff shortage.



SOLUTION

Robotic arm and sensor lead the hardware segment

Robotic arms and sensors are a major contributor to the healthcare segment. The increasing need to replace the industrial processing system with automated systems has supported the robotic arm and sensor penetration. The increasing need for surgical applications and goal to achieve more precision while operating have driven the demand for cobots. The deployment of cobots reduced dependency on a large number of staff which makes the operation more cost-effective.

Lab testing and drug dispensing among top Cobot duties

TechMan robots are extremely efficient while performing lab testing tasks. High precision, fast turnaround time, and reduced dependency on manual tasks have positively influenced the lab testing applications. The other key application is patient care which includes medicine dispensing, taking swab samples, checking temperature, blood pressure, and conducting various sample tests which have made it easier for health workers to reduce their burden and utilize more time on urgent matters.

