IoT in HEALTHCARE

IoT can make big differences in the healthcare and medical sectors by significantly reducing costs and even saving lives.

CHECK OUT THESE SIX EXAMPLES:

REDUCING EMERGENCY ROOM WAIT TIMES

Because of a recent IoT implementation, one emergency department effectively slashed wait times for 50% of their emergency room patients who need inpatient care.

TRACKING STAFF, PATIENTS & INVENTORY

Larger facilities that feature multiple structures and campuses as well as thousands of patients and staff are turning to the IoT and real-time location systems to facilitate asset tracking.

ENSURE AVAILABILITY & ACCESSIBILITY OF CRITICAL HARDWARE

IoT devices can take a proactive approach by virtually monitoring medical hardware and alerting hospital staff members if there's a problem.

ENHANCED DRUG MANAGEMENT

Patients can take pills containing microscopic sensors that are the size of a grain of rice and can send a signal to an external device — usually a patch worn on the body, to ensure proper dosage and usage – and can access data through a smartphone app.

REMOTE HEALTH AND MONITORING

IoT plays a part in remote health monitoring — sometimes known as telehealth – by reducing or eliminating the need for some visitations and it improves the patient's quality of life by sparing them the inconvenience of travel.

ADDRESSING CHRONIC DISEASE

Treating chronic disease in the 21st century takes 21st century applications like wearable tech, next-gen analytics, and mobile connectivity. Utilities like Fitbit use the IoT to monitor personal health — such information can be shared with a doctor to help solve recurring issues.

SPARKING CONSTANT CHANGE IN HEALTHCARE IT

The IoT has the potential to reach every human being on the planet at one time or another in their lifetimes. It's gone from the modern factory floor to tech-driven hospitals and medical facilities in a very short amount of time, and it's a development that is already transforming the industry of healthcare IT. There's no doubt that it will continue to do so as the technology continues to advance — but how far it will take us is anybody's guess at this point.