INTERNET OF THINGS (IoT) IN HEALTHCARE

IoT is a system of connected devices that speak to and interact with each other and other networks to improve the way our lives and businesses operate

OPPORTUNITY DEFINITION | INTERNET OF THINGS (IoT) | ICE TRACKING AND RESPONSE

The initiative's purpose is to provide rapid medical assistance, especially for the elderly, by developing a system of sensors that monitor patient health and movement. The system will be connected to caregivers and emergency response teams to provide assistance based on patient location.

TARGET MARKET

Target Market
Elderly population (>65) is estimated at over **30,000 persons**.

Target Users
> Emergency response teams
> Elderlies
> Doctors

KEY PROBLEM STATEMENT | NEED

The increase in the elderly population also results in increasing burden of chronic health disease. This results in a decrease in physical activity and loss of mobility.

The need of ICE tracking and response is to support patients' mobility through sensors and to provide immediate response in case of emergencies.

PROCUREMENT CYCLE

Request for Proposal (RFP)
The opportunity is in a RFP stage.

TIMESPAN

Total duration of 2-3 years including implementation and testing

ADJACENT OPPORTUNITIES

> Smart ambulance

BUDGET ACROSS INTERNET OF THINGS (IoT) ECOSYSTEM

The Qatar market for IoT is projected to reach **USD$573 million** by 2022, at a compound annual growth rate (CAGR) of 35% from 2019 to 2022.

OWNER AND SECTOR

Owner Hospital and Clinics
Sector Healthcare

STAKEHOLDERS

> Hospitals and clinics
> Ministry of Public Health (MOPH)
> Ministry of Transport & Communications (MOTC)