

Advance automation in Hospital emergency services for patients.

Modeling Sustainable Hospitals for the coming decade



CHALLENGES

Healthcare organizations required multilevel of advanced automation strategies to improve patient's care and experience
Few challenges involved:

● Availability of Data from Emergency services like ICUs, blood bank

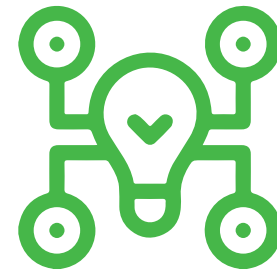
● Anticipating the need of ICU for a patient

● Optimizing the discharge process

● Predicting ICU acquired infection

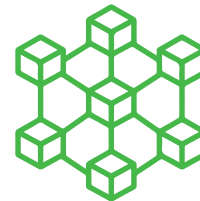
● Reducing patient mobility in hospital

● Automating front desk operation



SOLUTIONS

IOMT is incorporated with cloud services and blockchain to automate the whole process in hospitals.



ML algorithms are exploited for developing prediction models in the system.

BENEFITS



Ease of work



Better workflow



The organization is robust enough to handle epidemics/pandemics



Survival of organization for years



Reduce complexity



More focus on research/ product development



Reduce cost on manpower



Controlled mobility of patients

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