TELESPHERE SOLUTIONS / CLOUD2TALK: HEALTHCARE SOLUTIONS

HEALTHCARE APPLICATION DEVELOPMENTS

Telesphere Solutions's Development Team has developed specific Healthcare applications for hospitals and clinics.

New applications are proactively helping healthcare organizations to be more efficient and helping them keep high standards; these applications are everyday becoming the norm in different medical facilities and hospitals all over the country. In the past couple of days, healthcare workers have become the ultimate mobile workforce, all they need are tools

Mobile apps are becoming the norm in hospitals and clinics.

that allow them to collaborate instantly and retrieve information rapidly, and they no longer require a desk.

"Healthcare professionals have become the ultimate mobile workforce, they need safe mobile applications which allows them to access patient information from anywhere. These applications have generated such a big impact in the market of home healthcare"

Access to mobile applications fosters a secure environment to collaborate and retrieve Patient Health Information from anywhere in a hospital, clinic or practice. Nowadays, in the USA, there is a requirement for all healthcare mobile applications must be HIPAA compliant, a security requirement that consumer mobile applications do not meet, which has created a need for secure mobile applications for professionals in healthcare.

There has been a major impact on the home healthcare market caused by mobile applications, which have enabled patients to leave the hospital and go home sooner.

A home healthcare worker can nowadays retrieve patients' electronic records or communicate with colleagues by using their secure smartphone or tablet and access their HIPAA compliant mobile app.

The more time a healthcare worker can spend with their patients and do from the field, the better. Essentially, healthcare professionals have many new mobile capabilities to look forward in the years to come.

- *Unified mobile clinical communications*

A unified communications solution is the standard platform for many of us. Healthcare security requirements demand secure solutions, so the trend of unified mobile clinical communications is important to observe. The main objective of this trend is to unify single-purpose applications under a single user interface which allows to improve staff efficiency; it will unify workflow and communications for healthcare professionals.

- *Mobile video chat for telemedicine*

The more health insurance companies, hospitals and clinics diversify into telemedicine, the more mobile applications play a key role. Any

doctor on-call can use telemedicine as an effective tool to perform his/her job, it will allow any healthcare professional to use a smartphone or a tablet to conference with a patient in real time, instead of sitting in front of a computer. The quality of the experience will improve with faster internet speed and 5G.

"There is a trend in mobile apps, which will allow healthcare professionals to count with: unified mobile clinical communications, mobile char for telemedicine, improve patient engagement, and HIS access."

• *Patient Engagement*

Healthcare professionals are always on the go, which makes it vital to use tools which can allow them to enhance patient engagement, furthermore, hospitals and clinics must keep track of patient outcomes to stay in compliance with the Affordable Care Act, according to Government Technology.

This has created the need for new mobile applications that can help provide performance metrics, address patient feedback, track trends, and identify workflow gaps.

Picture a nursing supervisor being capable of tracking his/hers department's metrics, changing the schedule using their smartphone while walking the floor or even at home in between shifts. The handoff of patient-engagement data is made easier because all supervisors and nurses have access to the latest data.

• *Improved Hospital Information System (HIS)*

With more robust mobile devices, secure Wi-Fi, Mobile device management strategies for healthcare organizations and geofencing now in place, it opens up improved access to Health Information Systems.

Healthcare professionals gain better access to EHRs through robust mobile apps with secure links to cloud back-end systems.