



Xamarin for Telemedicine Startup

Case Study

Telemedicine has become standard medical practice and is in daily use across dozens of countries. Delivering more efficient care on the go is made possible through smartphones and tablets if the apps running on them are secure, fast, and have **a user experience optimized for mobile healthcare**.

Challenges

The customer wanted to build a mobile application by applying innovative and technologically advanced solution focusing on telemedicine platform

Technologies

- Net Framework 4.5
- C#
- Xamarin
- WebAPI
- SignalR
- WebExAPI

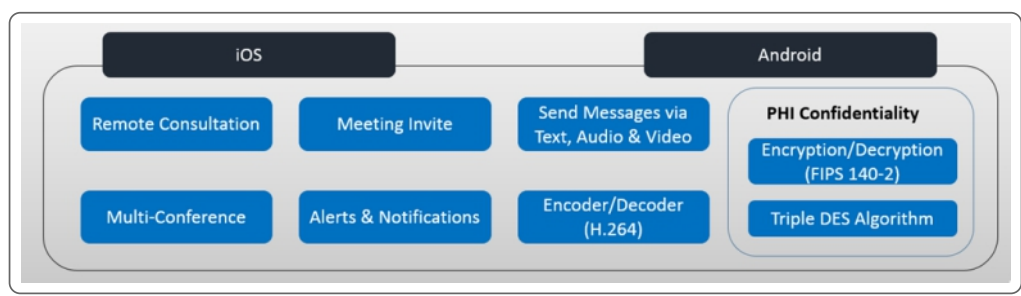
Approach

InfoVision Labs technical team developed a secure telemedicine application that offers ability to schedule video conference between Physicians and Patients over their mobile devices (iOS & Android), considering the PHI confidentiality as well.

The team built the customer-requested features into both, iOS and Android mobile apps as part of the development effort.

Since Xamarin allows us to build the cross-platform application with Microsoft .Net framework, the team could reuse the existing web app code Xamarin application development

Different modules of the overall system include following



The application leveraged the features of SignalR to get the real time notification for new appointments, real time meeting status, live chat with the attendees etc. The WebEx API used for the making the video calls.