



**SOPHISTICATED MOBILE APPLICATION DEVELOPMENT
FRAMEWORK FOR THE ENTERPRISE**

TABLE OF CONTENTS

- **Mobility**
 - Why Mobility?
 - Mobility Significance for The Enterprise
 - Enterprise Challenges while Going for Mobility
- **Advanced Mobility Platform for the Enterprise**
 - HyTechPro Mobility Framework: How Does it Work?
 - Our Differentiators
- **Conclusion**

Mobility

Mobility is the ability to access the existing desktop software program, application, enterprise system, web service, etc anytime and anywhere via mobile devices. Mobility has changed the social, educational, and more importantly, the professional life of the people. It has benefited the enterprise in a huge way, saving their precious money, and making work processes easier and faster.



There are two main elements of mobility, mobile device, and mobile application. Tablet, smartphone, smartwatch, Bluetooth headset, and laptop are some devices that are used on a regular basis. Millions of mobile apps are available on various OS platforms, largely on Android and iOS, and numerous enterprise systems, like compliance system, reporting solution, and ticketing solution are available as mobile applications.

Why Mobility?

Mobile apps work across all the major digital devices. In different devices, they can have different interfaces, but they mostly have the same characteristics and features. Since the advent of smartphone and tablet, they have become more popular, leading to the participation of ever increasing number of organizations in mobile application development business.

A few useful technical aspects of mobile application are:

01

Mobile app is usually small in size, accessible in remote areas without internet, and all its operations are performed by touching the screen making it user-friendly.

02

It can be made to update automatically without any interference of the end users, which further optimizes the performance.

03

It can run on multiple devices at the same time, and is capable of syncing data in real-time.

Mobility Significance for The Enterprise

Mobility has made things like textual, audio and video communications, and file sharing unbelievably easy and affordable, helping people in daily life. For enterprises, it has increased the productivity, improved the overall skills of the employees and developed a strong bonding between them for a better team-work. Here are a few more advantages it offers to the enterprise.

01

Establishes a good communication between the employees, which helps them to know more about the work, and in maintaining and enhancing the quality in the work. The field workers can communicate with the expert anytime and from anywhere, to share problem and important information, and to take suggestion.

02

Assists employees to work collaboratively. There are employees, such as programmers and marketing executives who require coordination in the work.

03

Enterprises opting to use MDM (mobile device management) can control the BYOD (bring your own device) device data, as well as wiping corporate information in case of device theft.

04

Allows product-based enterprises to make the customer satisfied. Support team can reply to the customer's queries and complaints in real-time.

05

It helps in the collection of important information, data and report, which is always handy for the growth and development.

06

The enterprise using mobility is following the latest working trend, giving a tough time to the fellow competitors, and making a good impression in front of the clients and customers.

Enterprise Challenges while Going for Mobility

After going through the above details. One thing is for sure, mobility is the current and the future for the enterprise. But, before the enterprises go for it, they need find some answers, like:

01

Should they go for mobile app or cloud based solution?

02

What all features should the solution contains, such as cross platform, internet based, and offline capability?

03

Should they develop the solution by their own or should they hire a developing firm?

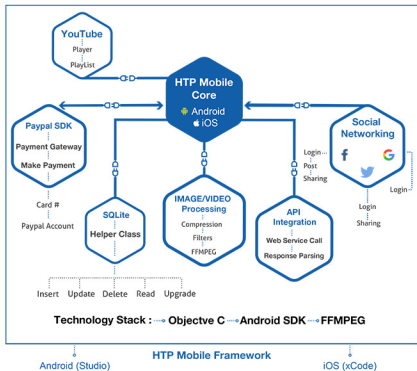
Each enterprise has to answer these types of questions under certain circumstances. Therefore, there could be many answers.

Advanced Mobility Platform for the Enterprise

We offer mobile application development framework for the enterprise based on MVC, and Spring and Hibernate technologies belonging to .Net and Java programming languages respectively. It is unlike the native platform that has no defined framework. We develop apps for Android and iOS devices.

HyTechPro Mobility Framework: How Does it Work?

We offer customizable pluggable plugins that can be add, remove and modify. Since we have the knowledge and expertise in mobile apps development, we only use predefined components and libraries, which are customizable, and can be add, remove and delete. The customization in components saves time, and there is no need to create a new architecture.



Our Differentiators

Here are a few more offerings in our development framework:

- **Web services:** We connect the applications to external data sources, such as cloud systems and third party APIs.
- **Database:** We use the SQLite to maintain the app database. SQLite creates replica of the necessary information required in the solution, which enables real-time data syncing and offline usability.
- **Video and image:** We can integrate video and image editing features in the app. The employees can upload the videos and images, and do necessary modifications like creating filter and compression.
- **Payment gateway:** Our apps can allow users to make payment. This feature is required in product-based business apps, where the customers have to make payment for their purchases.
- **YouTube integration:** We can integrate the app with the YouTube, allowing the employees to play any particular channel recommended for their work.
- **Map integration:** Our solutions can be integrated with the maps. Maps can be use to know and verify the location of the employees, a substitute to the tracking devices.
- **Social media integration:** An integration to the social networking sites, lets the HR to expose the work culture for spreading awareness about the enterprise.

Conclusion

The enterprises have become very much familiar with the concept of mobility. Some are enjoying its benefits, others are taking the time for giving it a green signal. But there are many who are struggling to find the right solution, still looking for the right way to use it, and more importantly, unable to develop it. Furthermore, native mobile app development framework is not available easily.

Our enterprise mobility platform offers optimized features, and components upgraded to latest version, with the ability to handle errors while including and excluding components.



About HyTechPro

Hytech Professionals India Pvt Ltd is an ISO 9001:2008 rated by AQS . Recognized by NASSCOM as one among the top 3 "Exciting Emerging Companies To Work" for two consecutive years in 2007-08, it has proven the immense endeavour it has made to serve its 2000+ clients across the globe.

The company has also been awarded with the "Excellence in Gender Inclusivity 2009: Best Emerging Company 5 years in existence".



545 Park Road NW
Washington, DC 20010
United States

Toll Free US 888 683 8281 
godigital@hytechpro.com 

THANK YOU
FOR YOUR ATTENTION !