

# Mobile Technologies

“TelliANT has a full-service methodology helping businesses migrate and integrate their enterprise applications to mobile technologies.”

## Opportunities to Connect with the Mobile-Enhanced Consumer

Mobile applications have moved to a prominent position within software development. Financial/Banking, Social Media, Customer Engagement and Management are just a few areas where Mobile applications have become critical. The Healthcare sector is just beginning to realize the benefits of a fully mobile enabled workforce and customer base. Scalability and the use of cross platform tools to enhance features will help to satisfy the demands of mobile enabled customer.

## Industry Sectors where Mobile Technologies are expected

Every business sector will need to create and implement mobile strategies to keep pace with the way customers and employees are expecting to interact with businesses. Businesses must adopt new strategies, processes and technologies to ensure that they continue to compete in the mobile-era. Within each sector there are many opportunities to mobile-enhance your enterprise applications:

**Financial/ Banking:** Core Banking, Customer Service, Customer and Branch Communication

**Social Media:** Social Interaction with your Customers via Twitter, Facebook, Google+, Instagram

**Healthcare:** Apps and Attachments for Diagnosis, Healthcare Practitioner Information access for use and exchange, Patient Scheduling, Patient Communication

**General Business:** Planning, Scheduling, Operations

## Strategic Mobile Development Services Provided to Serve

Organizations can keep up with the pace of technology, their users’ expectations, and their business objectives; they can become a mobile-enhanced enterprise.

Application Lifecycle Management (ALM) typically consists of six phases: design, develop, test, deploy, manage, and update. However, with the complexity of the mobile landscape, creating a disciplined process for managing this lifecycle can be difficult.

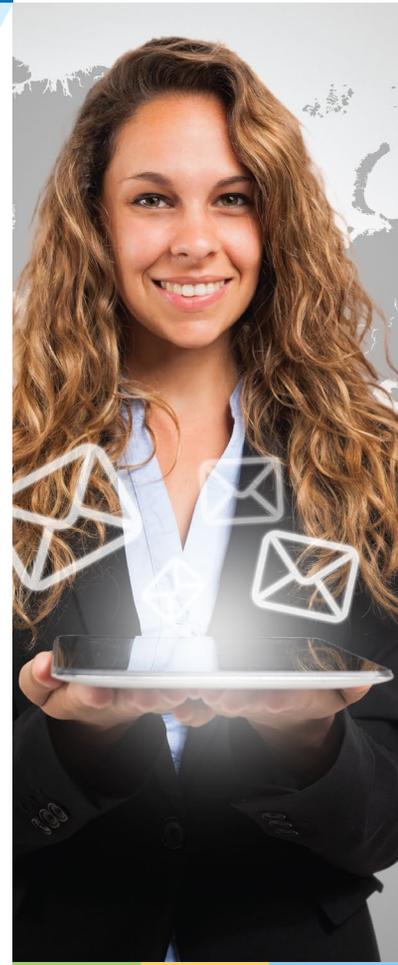
A well-defined path for managing your application’s lifecycle that includes quality control, on-time delivery, and maintenance is essential to creating a successful, repeatable enterprise-class mobile strategy. Leveraging a platform that supports each step of the process, instead of relying on disparate point products, is one way to ensure that each step of the lifecycle is both represented and integrated into the overall strategy in a holistic way.

- Set the foundation for a comprehensive mobile strategy
- Identify and mitigate roadblocks on the path to mobile maturity
- Establish your strategic objectives and KPIs
- Execute your strategy through next-gen design and development
- Choose the right tools and technology

Done correctly, mobile can meet users’ needs, business objectives, and IT requirements in a fast, efficient, and cost effective way. Mobile time is here to stay. It’s up to you to become a mobile-time enterprise.

**Strategy:** We discuss and understand how you market and sell to your mobile enabled customer. Full collaboration and innovation with your team to understand and develop your mobile solution for real customers. Apps need to engage customers, empower employees, and integrate with your enterprise to deliver real business impact.

**Design:** We understand the need for the mobile experience to satisfy the human-computer interaction, with integrated teams. We use Continuous development/deployment and Agile methodologies to enhance the exchange of information between teams.



## Why Go Mobile?

**25%** of adults are going online with 3 or more devices.

**84%** of People said they couldn't go a single day without their mobile device.

**51%** said their mobile device was more important than their laptop or desktop computer.



**Build:** Across all major mobile technology platforms- iOS-Objective C, Swift, Cocoa Touch, Adroid-SDK, Java, and all the many cross platform options- Xamarin, PhoneGap, Sencha to name a few. Managing development of numerous components, including social tools, location tools, and search applications. Development, enhancement and maintenance of middleware for all your distributed applications. And we know how to securely and elegantly extend enterprise power to the palm of your users hands.

**Implement:** Doesn't just mean to "Go Live". We manage and care for the new service or solution ensuring it is performing properly. Partnering with clients to implement additional technologies including tracking and analytics capabilities is how implementation should be done.

**Maintenance:** We make it our business to assist business with assuring the mobile applications that we build continue to perform the way they were intended. Mobile initiatives need to be evaluated overtime to ensure optimum results.

## Identify and Mitigate Roadblocks on the Path to Mobile Readiness

As you begin or continue on your mobile strategy, it is important to remember that the multi-faceted application development- building mobile applications on today's plethora of devices, operating systems – is vastly different than traditional web development. Building a comprehensive mobile strategy that focuses on delivering a premium user experience isn't as simple as flipping a switch.

Most companies have already invested a great deal in web-based infrastructure that supports their business cases and marketing objective. Identifying and moving on a unified mobile strategy requires a radical repositioning of that pre-existing infrastructure. To support and satisfy the ever-evolving demands of the multi-channel world, a comprehensive strategy can require investment in new platforms, tools, strategies and even personnel.

**User Experience:** With the cross platform environment scenario ensuring that you have a flexible solution to meet the ever broadening requirements. Providing rich user-first experiences to meet changing customer demands. Differentiation between internal and external customer and application clarity and simplicity frequently are important factors clients need to have "right-now".

**Security:** The architecture for mobile devices varies. The responsibility of knowing what built-in security a device supports falls squarely on the development team. At the same time, not every application requires the save level of security, and understanding. Enterprise-wide security governance and information access protocols, such as FIPS140-2 and PCI compliance need to be protected and not compromised by the mobile apps. Although it is difficult, having a robust mobility management solution is the great first step to addressing these concerns. Your mobile management solution should allow you to manage data at all different levels to all you to ensure the enterprise is fully protecting its data.

## Choose the Right Partner, Tools and Technology

Telliant has the expertise to understand which mobile tools and technology will benefit your business. There are a variety of technologies available to establish the correct mobile strategy for your business. However, before you commit, you will first need to decide which type of apps you need to build.

There are many Advantages to all three of the available technologies; Native, mobile-web, and Hybrid:

### Native

- > Richer user Experience
- > Native API integration
- > Better Performance
- > Storage
- > Higher graphical experience

### Mobile- web apps

- > Cross-platform capability & consistency
- > No installation required by user
- > Lower development costs
- > Quick to Market
- > SEO friendly

### Hybrid apps

- > Native functionality
- > Build using existing HTML, CSS or Javascript skills
- > Better distribution through app stores

## MOBILE SKILL SETS

### Native

- > Windows 8.1 & 10 Mobile
- > iOS-Objective C
- > Swift
- > Cocoa Touch
- > Android-SDK
- > Java

### Cross-Platform

- > Xamarin
- > PhoneGap
- > Sencha
- > Appcelerator
- > iFactr
- > jQuery mobile
- > MoSync
- > Adobe AIR
- > Python
- > Mobile UI Kits
- > C#

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