



Mobile Application Development with Appian

The rise of mobile devices and applications creates exciting opportunities for users and businesses. At the same time, the variety of platforms, devices, and development languages presents new challenges for IT:

- Developers must address development complexity across different mobile operating systems and platforms, each requiring money, resources, and time
- Designers must consider device fragmentation and design a mobile application for hundreds of smart phones and tablets
- IT executives and security officers must guarantee mobile information security especially when adopting and implementing Bring Your Own Device (BYOD) policies

To keep up with multiple release cycles each year from various mobile platform vendors, mobile applications should be fast to develop and easy to deploy across all major mobile operating systems. In addition, modern mobile applications should have dynamic user interfaces to deliver responsive and intelligent user experiences across different mobile smartphones and tablets. Lastly, effective enterprise and government mobile apps must have security measures in place for authentication, data and communication encryption, local application and device passcodes, and user access rights.



Building native mobile applications has been recognized by mobile experts as the best way to deliver responsive, rich, and secure mobile interfaces, as compared to traditional HTML5 mobile development. Cost in development and complexity of mobile operating systems prevent organizations from delivering this ideal mobile experience. Appian's architecture solves these problems. With Appian, designers can rapidly deliver rich and secure user interfaces that operate in both HTML5 web interfaces as well as natively mobile applications.

APPIAN MOBILE APPLICATION DEVELOPMENT BENEFITS

Write Once, Deploy Everywhere

Appian makes mobile application design simple and powerful through a unique "write once, deploy everywhere" architecture. With Appian, application developers and designers can quickly create a single dynamic user interface definition, and then securely deploy it to native mobile client applications on all major device platforms and across major web browsers.

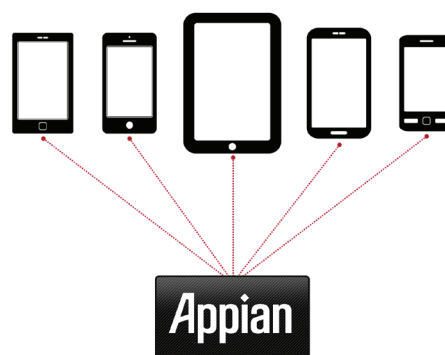
Intelligent User Experience

Using Appian's conditional expression logic, application designers can create dynamic web and mobile interfaces. Responsive online reports, records, and other custom dashboards feature display updates based on user interactions and contexts. For example, having seen a summary report of all customers, a user can select filter variables to see a detail report for a particular customer, or only new customers from the past quarter. This allows designers to deliver intelligent and superior user experiences that are driven by business rules.

	Pure Native	Appian
Rich and Superior User Experience	•	•
Fast and Responsive Dynamic App	•	•
App Innovation & Access to Native APIs	•	•
Lower Cost per User		•
Lower Technical Risk		•
Security	•	•
Reliability	•	•
Supportability		•
Availability of Low Cost Developers		•

Security

Appian native mobile applications for Apple iOS and Google Android provide authentication, password protection, encrypted passcode lock, digital signature, and encryption to an external system. Developers can create custom mobile authentication to support custom or third-party authentication mechanisms. In addition, Appian's built-in security measures protect mobile applications against cross-site scripting and SQL injection attacks. Lastly, Appian adds additional security to web and mobile applications. Role-based security determines who can view, modify, or delete dashboards.



Appian

As the market leader in modern Business Process Management (BPM) software, Appian delivers an enterprise application platform that unites users with all their data, processes, and collaborations — in one environment, on any mobile device, through

a simple social interface. On-premise and in the cloud, Appian is the fastest way to deliver innovative business applications.

For more information, visit www.appian.com