MOBILE APPLICATION DEVELOPMENT

Reaching new customers via a mobile application is a must in the digital age. Allowing experts to develop robust, custom mobile applications is one way to stay ahead of the competition, while saving time and money.

This project can be regarded as a problem or an opportunity. Cyber Group was tasked to build a mobile application for a large hardware and software distributor. This featured a native mobile app for both iOS and Android platforms. Our client formulated the idea as they already had a relationship with most of the industry, including Fortune 1000 companies and beyond. From a security standpoint, they wanted mobile device management (MDM) offerings for their customers. They wanted to be able to caution their customers about employees sharing sensitive information on their mobile devices, for example, emails and their accessing of Dropbox or OneDrive resources. They wanted to have some mitigating resource to offer so in the event of a compromise in security, they would have control of the devices and take appropriate precautions in making sure that the information leakage was minimal-to-none. The mobile application would reside on their employees mobile devices and be connected to a security server in their data center which could perform whatever sensitive operation that was needed.

Essentially, due to the rise in mobile devices, this was a net new offering and an additional revenue opportunity that was driven by the CTO of their software division.

This was a multi-year project requiring code development, which meant working very closely with the client's own software development team in order to complete our tasks. We first met with the CTO in order to understand the big vision and roadmap, which helped them to turn this gigantic effort into bite-sized workflows that would allow for quarterly releases. Once we had the roadmap in place, we implemented a complete agile process to turn every quarter release into two week sprints.

We completed the project in multiple phases, with the whole effort taking two years. The first rollout was a "big bang," which we were able to accomplish within the first eight

Cyber Group was tasked to build a mobile application for a large hardware and software distributor. **This featured a native mobile app for both iOS and Android platforms.**

We first met with the CTO in order to understand the big vision and roadmap, which helped them to **turn this gigantic effort into bite-sized workflows that would allow for quarterly releases.**

We completed the project in multiple phases, with **the whole effort taking two years.**

months, with quarterly releases through the duration of the project.

It's also important to note that this was not just a development effort, but a thorough QA effort as well. Our team was composed of 12 developers and 5 QA engineers. We were able to build a test harness to reduce the time taken to test the user stories, which was a big win for the team.

Regarding the results, the client bundled the system with other software assurance offerings to their customers. However, they did not bundle it with their hardware offerings.

Regardless of how large your company is, it is always advantageous to utilize the expert assistance of IT professionals that can help your enterprise deploy new IT assets in a quick and affordable fashion.