

## CLIENT SUCCESS STORY

# MOBILE PROTOTYPING FOR WORLD-CLASS COAL COMPANY



## Looking to make their innovative idea a reality, an energy company turns to Technology Partners.

### The Challenge

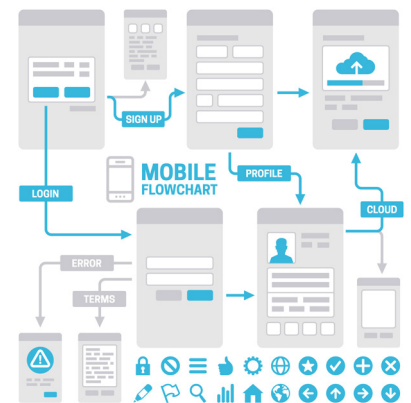
One of the largest and most efficient coal producers in the world, **representing roughly 16% of America's coal supply**, needed a mobile application for their blasting process. With an inaccurate, time-consuming, and cumbersome process that technicians had to perform by hand every day that also required government oversight, the right solution was not obvious for an in-house staff to create for their technicians to use at their mining site.

### The Plan

Technology Partners took on the task of developing an HTML5 prototype for the mobile application, which would allow the business to keep the cost low while achieving buy-in for sufficient budgeting from upper management took place. After proving the concept for the new applications, Technology Partners moved forward on converting the prototype into a **native mobile application for iOS**. This automated system for blasting predictions showed depth, range, and necessary materials for each shot, allowing the technician to generate a PDF with both drawings and calculations of those predictions.

### The Results

The new system provided increased efficiency, allowing users to make blast predictions onsite quickly and easily. **The app lead to better planning**, reducing waste of expensive blasting materials. With safer blasts, better reporting, and an elegant finished product, the business was able to meet government regulations while also satisfying the needs of their technicians.



“Technology Partners allowed us to create a user experience we couldn’t accomplish on our own, and as a result, saved our customers a lot of time and provided them better business intelligence.”

Client Product Owner  
Manager of Business Process  
Client

**33% of U.S. Workers** say their employers mobile app doesn’t meet their needs

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