

Case Study: Energy

Dexian Successfully Develops iOS-Based Mobile Application

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CLIENT:

A global provider of field services to petroleum-oriented clients

Challenge

- The client looked to simplify an existing application that calculates the tractive force required for drilling for oil and gas exploration
- In addition to simplifying the application for ease of use, the client wished to develop the revised application on a mobile, iOS-based platform so that it could be more readily available for use by field personnel

Solution

- Team Size: 5, Onsite iOS Developer and User Experience Engineer; Offsite Project Manager, UI Engineer, and QA Engineer
- Technical Skillsets/Technologies used: iOS, Objective-C, SQLite
- Refined and migrated algorithms underpinning current application to a simpler, mobile-based platform for use on iPads and similar devices

Outcome

- Dexian developed a nimble, mobile application that allowed the client to make more rapid and thorough technical decisions regarding oil and gas exploration
- By developing a user-friendly, easy-to-use tool for field personnel, Dexian helped the client provide its end-clients with better access to its services

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