

AUTOMATIZE CASE STUDY



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Technologies

**Node.js, Visual Studio Code, Cocoa, Objective-C, Swift 3.1,
C++, XCode 8, iOS 9/10, Android Studio, API level 19**



ABOUT CLIENT

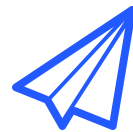
Automatize is paving its own path with a **innovative platform** to service the needs of **energy companies across the United States**. The company leverage **cutting edge technology** with extensive experience **to tackle proppant supply chain**.



DESCRIPTION

Logistics automation is the application of computer software and/or automated machinery to improve the efficiency of logistics operations. Typically this refers to operations within a warehouse or distribution center, with broader tasks undertaken by supply chain management systems and enterprise resource planning systems.

DESCRIPTION



Logistics automation systems can powerfully complement the facilities provided by these **higher level computer systems**. The focus on an individual node within a wider logistics network **allows systems to be highly tailored to the requirements of that node**.

IDEA

Texas oil is booming, and so are the **numbers of sand mines needed to keep fracking the wells.**

The continually growing number of Texas mines comes as the amount of sand per well has surged because of deeper and longer wells, as well as more sand pumped per foot. **The largest wells now consume up to 25,000 tons - 50 million pounds - of sand each, up from 1,500 tons, or about 3 million pounds, just a few years ago.**



20 times

more sand per well than it
did during peak of the last
energy boom



Our client, **CEO of Logistics company in Texas, USA** had mentioned a huge demand of an oil and gas sector that is using up to 20 times more sand per well than it did during peak of the last energy boom.

He decided to **leverage extensive sand network** to provide the oil and gas sector with **the best possible price available, when and where the sector needs it.**



SOLUTION



Automatize is a turn key solution from the mine, straight to the wellhead.

Working together with the client, we decided to build **complex system** including **market place** for oil, gas and sand providing companies; **IOS and Android apps** for truck drivers who delivers the sand and **dynamic location-based service.**



**AUTOMATIZE IS A FUTURE OF OIL
AND GAS INDUSTRY IN THE USA
AND WE ARE PROUD TO
BE A PART OF SUCH
INNOVATIVE PROJECT**



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