

An offshore oil rig is shown at night, illuminated by its own lights. A large flame is visible from a flare on the left side of the rig. The rig is a complex structure of steel beams and platforms. The background is a dark blue sky with a hint of sunset or sunrise on the horizon. A network of blue lines and dots is overlaid on the entire image, suggesting a digital or technological theme.

Petr Tek

TECHNOLOGIC SOLUTIONS

Petr Tek

ABOUT US

Oil & Gas software can be really complex and difficult to understand, it has so many buttons and options that makes the learning curve go higher; besides, they can't be used in the field which affects timing, money and efficiency.

In **Petrotek** we are aware of the importance of technology in the Oil&Gas sector. We provide IT solutions to complex problems through tailored mobile applications development. Along with our development team, we provide consultancy with a team of experts, combining experience and technology.

MISION

Change the way companies work through mobile applications development that help increase productivity, control and information workflows, always with a simplicity perspective.

VISION

Become a leading software international company in the Oil industry by 2020, always seeking to fulfill our clients needs and expectations.

NEED SOLUTIONS TO COMPLEX PROBLEMS?

Mobile apps solution's adoption is rapidly increasing due to consumer's demand, therefore, more companies are adopting BYOD politics (Bring Your Own Device).

**This politics represented 35% of
business in 2016.**

Then our In-house mobile applications are your best option. Our In-house apps will help you improve process efficiency, workflows and information control. Great apps can be made for inside use, whether for management or operational purposes. You name it, we develop it.



5 MILLONES
million tablets bought
by companies



67%
of world's population will have
an smartphone by 2020

The energy reform and the fall in oil prices have drastically changed the role of Mexico and its oil states in the industry. Companies must now modernize to remain competitive before the arrival of new foreign companies.

However, adopting a mobile strategy within your company is key to remain competitive because it allows your workforce to contribute with information in real time and create content anywhere and anytime.

In order to achieve this, we designed mobile ecosystems, which are mobile applications collections that work in harmony through different independent work groups. This way, team collaboration and efficiency can be improved to a level with no precedents if they are designed and implemented the right way. Companies that refuse to adopt the benefits of mobility will stay behind.

71%

of workers in the Oil&Gas industry use mobile devices at work.

Engineering roles

Technical roles

Field operators

Management positions



98%

of Fortune 500's companies have an iOS app

DATA COLLECTION

Before, the tools for data capture in the field were pen and a notebook. With the arrival of mobile solutions, this information can already be released from different strata of the organization, either onshore or offshore towards a single centralized structure in which it can be analyzed, stored and transmitted to those who need it.

DATA TRANSMISSION

Managing projects on paper, excel sheets or local platforms is not the best option for decision making that save time and money. The connectivity between web systems and apps that mobile devices can bring to the company can guarantee that only the most recent information will be taken into account to inform and allow a timely decision making that adds value to your operations.

REAL-TIME OPERATION

The capture of data in the field with mobile devices has the advantage of adding operability in real time to tasks. The field worker recording the results of an inspection of a pipe through an app, will allow project managers to access these, providing visibility of the task performed. This allows us to streamline the flow of information so that decision makers onshore can do it in a timely manner.



MAINTENANCE

The mobile record of events can allow the analysis of emerging problems that should be addressed immediately by maintenance technicians. This will lead to greater efficiency in the field due to programming and the timely application of human and material resources in the exact location of the incident.

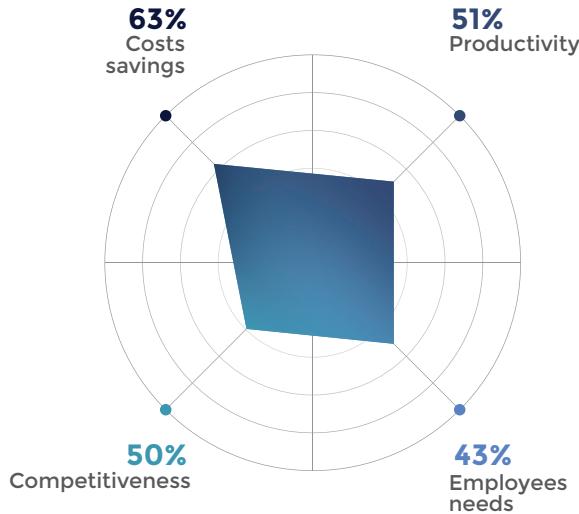
GEOLOCATION

Smartphones and tablets with GPS allow geolocation, the identification of the geographical location in the real world of an object. Additionally, geolocation manages to convert the equipment, materials and supplies necessary for operations into "intelligent" assets to identify, account for and manage them. In this way, geolocation can not only save time and money, but save lives.

NEW OPPORTUNITIES FOR THE OIL&GAS INDUSTRY

Why mobility?

240 companies are developing apps for these reasons:



71%  users of smartphones use them at work

Where mobility helps to:


42%
Increase users intimacy


48%
Have quick information for decision making


66%
Improve communication and collaboration between team members



1/3
of the Oil&Gas
Top 30 have
mobile apps

BY 2020



there will be more mobile devices connected to the internet than people

USD 168 BILLIONS



were spent in mobile apps for companies in 2015

USD 8 BILLIONS



were spent in mobile apps for Oil&Gas companies

SECOND PRIORITY



for the Oil&Gas companies

MOBILE APPS



designed for internal control workflows resulted in:

+45%



productivity improvement

+44%

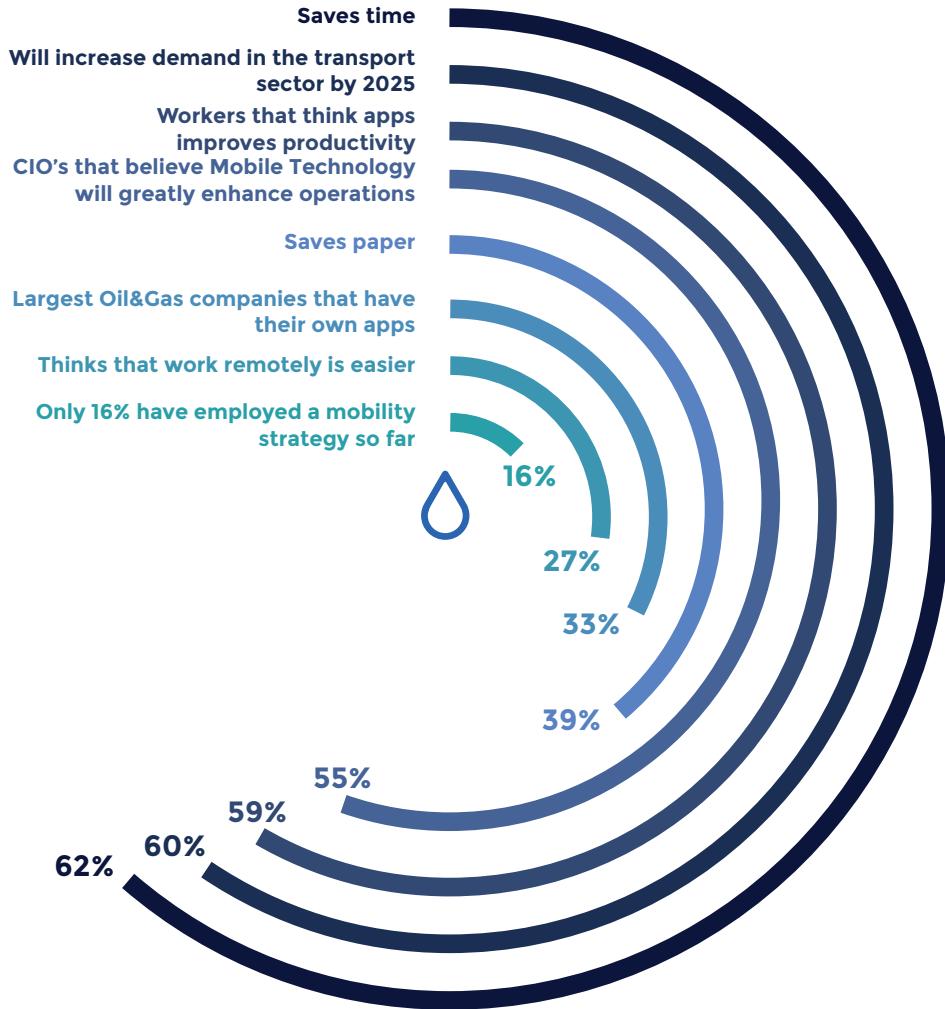


efficiency improvement

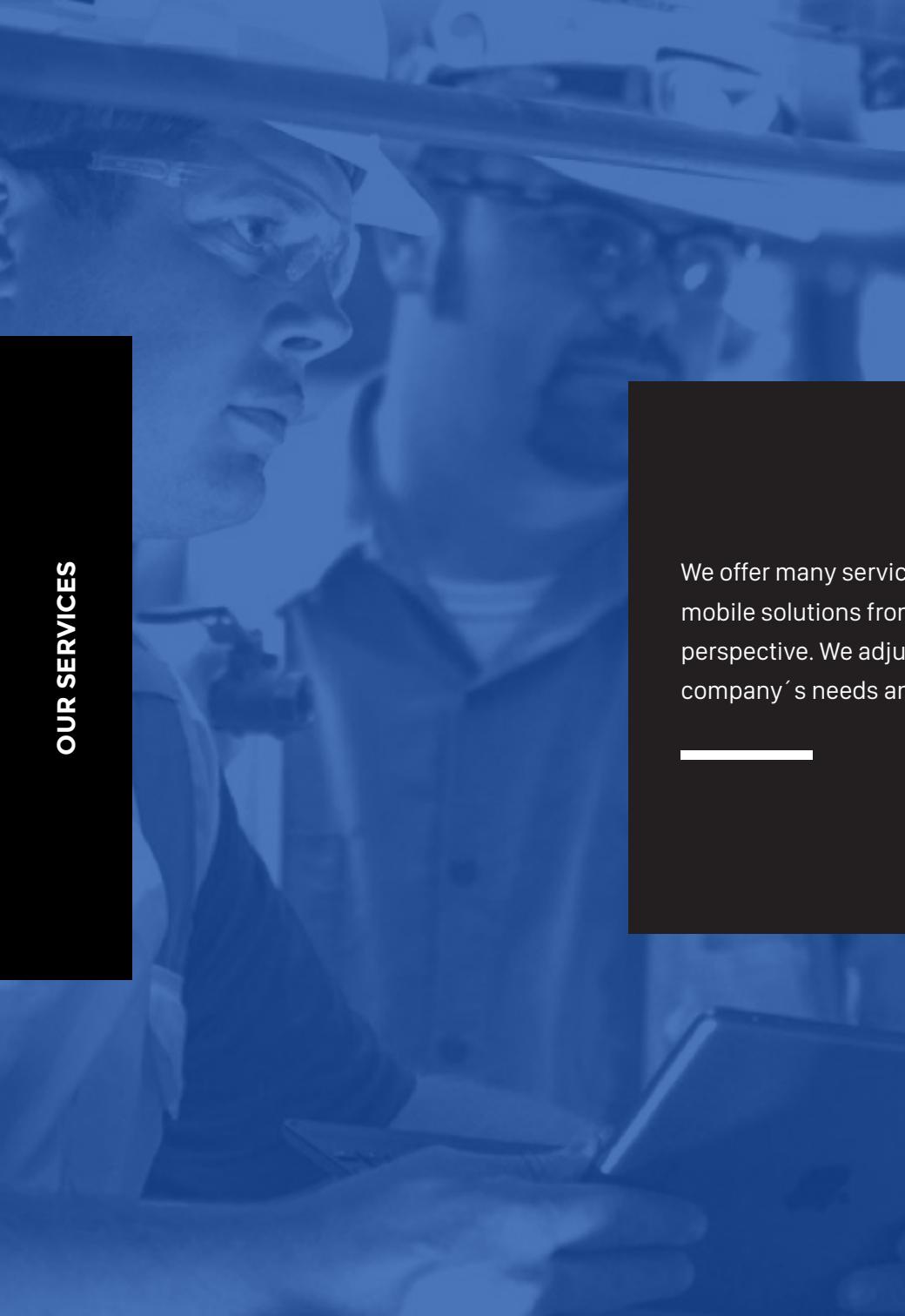
Whether you want to design an app for a particular process or develop a in-house mobile apps ecosystem to automate several processes, the design and implementaci3n of mobile apps should be managed carefully.

Apps of this nature are not like consumer's apps, where an unsuccessful product is the result of the lack of adoption of consumers that can be corrected by an user interfase update. When you create apps for the operations of a company, the risk of creating them unsuccessfully means to obstruct the information workflow and decision making, provoking value destruction.

In **Petrotek** we are aware of this, that's why, in order to avoid that risk, we gather a mobile team for your project, developing an excellence center, a design strategy and creating a schedule to implement an ecosystem with specific goals. That's what we call a mobile strategy.



MOBILE STRATEGY



OUR SERVICES

We offer many services that provide mobile solutions from a simplicity perspective. We adjust to your company's needs and to your budget:



WEB DESIGN

Design and development of websites, from tailored websites to more complex web systems and online stores.



DEVELOPMENT

Software development, from commercial websites to web ERP's.



GRAPHIC DESIGN

Branding design: logo, presentation cards, folders, publicity.



BRANDING

We create and improve your brand. We also provide market research and digital marketing.



MOBILE APPLICATIONS

Mobile applications for iOS, Android, smartwatches, TV and game consoles.



CONSULTING

We have a team of experts from the energy, maritime and port sectors with experience in consulting for HQSE and obtaining federal and state resources for certifications; and for innovation and technology projects.

OUR CLIENTS



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Interest in mobility continues to grow as companies seek to improve productivity, increase profitability, reduce waste and transform their core operations. The transition to mobility is caused by the consumer's adoption of mobile devices and the companies that adopt the BYOD (Bring Your Own Device) policies. These policies accounted for 35% of companies in 2016.

The creation of effective mobile ecosystems requires skillful leadership, a large mobile team, a broad design, development and testing strategy. To create a better user experience that aligns with the objectives of your company, in Petrotek we incorporate user research into the design strategy.

The user experience requires a huge amount of time and research, which includes having our staff go out into the field to discover inefficiencies by observing the work processes of the employees, either in the field or in your offices. Without knowing the existing process, there is no way to transform your business.



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