

OIL & GAS NEWSLETTER

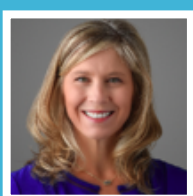
Welcome to the first edition of the Oil and Gas newsletter, sharing inspirational stories of how leading organizations are disrupting the status quo to enable automation and digital transformation.

Digital Transformation is having a profound impact on the oil and gas sector. According to Bloomberg New Energy Finance, the value that digital technology provides to the energy industry will rise from \$17 billion in 2017 to \$38 billion in 2025.

Using modern technology including Robotic Process Automation (RPA), Artificial Intelligence (AI), and Internet of Things (IoT) to transform ways of working, oil and gas organizations can become more efficient and responsive, while capitalizing on opportunities across the energy value chain for distinct competitive advantages.

How do you orchestrate end-to-end processes combining legacy applications and digital applications? Appian is here to help. Appian's leading platform allows organizations to turn business ideas into unique applications—up to 20 times faster with fewer resources.

We hope you find the newsletter information insightful and look forward to connecting soon.



Jennifer Doyle

Jennifer Doyle | Vice President | Appian



CUSTOMER SUCCESS

Transforming Asset Management

A global oil and gas producer had many cumbersome paper processes that were slowing down efforts to streamline operations and effectively manage the asset lifecycle. Leveraging Appian to digitize and automate asset management processes, the company was able to:

- Realize \$22 million of netback new revenue
- Reduce cycle times from 192 days to 50 days
- Accelerate time to production and increased capacity to drill more wells.

Learn more by visiting: www.appian.com/asset-management



USE CASES

Streamline Turnaround Execution

Ensure project control and visibility for efficient turnarounds

It takes years to plan, schedule, and execute a refinery turnaround. Without proper visibility and agility during a shutdown, organizations risk losing millions of dollars for even an hour of lost time.

This was the situation one of the nation's largest oil refiners. Contractors had up to 1,000 tasks at a time to complete in a short period of time and no insight into who was doing what or when. Leveraging Appian, they automated turnaround tasks and processes to optimize resource allocation, inspection, schedules, and data access—realizing a multi-million dollar savings with just one turnaround across seven refineries.

Learn more by visiting: www.appian.com/turnaround-execution

Improve Field Service Management

Empower field engineers with flexible mobile capabilities

Managing the end-to-end field deployment process and enabling field service workers with the right information to improve productivity and project completion is critical.

With this in mind, a large North American refiner deployed a mobile-enabled field application to transform how they perform pipeline maintenance and integrity. Now when contractors find a leaky valve or maintenance issue, they create a case on their mobile device, including details, uploading photos, and routing for approvals with voice recordings. By automating maintenance processes and providing full project intelligence in the application, contractors now have a 5 minute handover instead of a one hour status meeting when switching shifts.

Learn more by visiting: www.appian.com/field-service



THOUGHT LEADERSHIP

How Automation is Shaping the Future of Oil & Gas

The demand for continuous improvement, along with safety and reliability, is driving leaders to identify how they can operate more efficiently with technology. Automation provides the opportunity to make processes easier, faster, and more consistent from start to finish. This is critical when it comes to streamlining complex, high-stakes projects while engaging thousands of people on the front-line. Results include significant savings in time and money, plus improvements in performance and sustainability.

To hear RLG International and Appian's take on automation for the oil and gas sector, including compelling use cases and fast start approaches, listen to the podcast: www.appian.com/automation-podcast

Top Digital Trends in Oil & Gas

According to Gartner, the rapid growth of digital ambitions are changing how oil and gas organizations operate. Now more than ever, organizations are embracing cutting-edge technologies to operate more efficiently and transform the way interactions happen across the energy value chain. Here are the key areas for "going digital" that must be explored:

- New opportunities presented with digital innovation
- The value of intelligent automation
- Possibilities with the Internet of Things (IoT)
- Low-code platforms that accelerate time to value

To read more into each of these areas, visit the article: www.appian.com/energy-trends

UPCOMING EVENTS Visit Appian's oil and gas team at these upcoming events:

5th Annual IoT in Oil & Gas Conference

September 16-17, 2019
Houston, TX

Oil & Gas Supply Chain and Procurement Summit

December 3-4, 2019
Houston, TX

Appian World

March 8-11, 2020
Fort Lauderdale, FL

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Visit: www.appian.com/energy-guarantee