

# Arxan Protects the “Crown Jewels” of Oil & Gas Service Provider’s Software in Global Markets

A geophysical services leader for gas exploration enables its customers to maximize the amount of natural gas extracted from wells via “fracking.”<sup>[1]</sup> They do this by deploying an array of sensors on the ground above the well that is being fracked. The data from these sensors is collected, analyzed, and displayed using a proprietary software package.



**Challenge:** The company’s software product represents their crown jewels and allows them to leverage an efficient approach to utilizing a sensor array to get better resolution into the well. Their competitors rely on more expensive technologies. The software is not sold to customers. Rather, it is used by consultants that the company employs to work with the gas exploration companies.

The firm’s primary concern is when their consultants travel to a well-site, the software could be lifted from their machines and stolen – either counterfeited or pirated, thus eroding their brand value, R&D investment, and revenue. This concern is particularly strong since the company is expanding into Asian and Central European markets, where respect and legal protection for intellectual property (IP) rights are both traditionally lax.

Arxan Application Protection secures highly proprietary software in hotbeds of industrial espionage.



**Solution:** Since the company did not have much in-house anti-piracy expertise, Arxan security engineers first worked with the engineering team to assess their security needs and recommend an implementation strategy.

Arxan Code Protection protects the IP in the application, to ensure that the entire application remains safe against tampering and reverse-engineering. Throughout set up and deployment, Arxan was fully accessible and advised the company through issues and security strategies, on a timely basis. Arxan's technical support team remains continuously accessible to the company should any ongoing issues arise.



**Results:** Engineers at the firm are fully satisfied with the level of protection and ease of integration provided by Arxan's products.



**Benefit:** The company is confidently expanding into growth markets, generating new revenue without placing their core intellectual property at undue risk.

## About Arxan Technologies

Arxan is the trusted global leader of Application Attack Prevention and Self-Protection products for Internet of Things (IoT), Mobile, Desktop, and other applications. We help protect our customers against financial loss, brand damage, fraud, IP theft, stolen credentials, fraudulent transactions, unauthorized access, non-compliance with regulatory and industry standards, and more. Our unique patented guarding technology **1. Defends** applications against attacks, **2. Detects** at run-time when an attack is being attempted, and **3. Deters** attacks to stop hackers, send alerts, or repair making customers' applications truly resilient. We are currently protecting applications running on more than 500 million devices across a range of industries, including: financial services, automotive (connected automobiles), healthcare (connected medical devices), digital media, gaming, high tech/independent software vendors (ISVs), and others. The company's headquarters and engineering operations are based in the United States with global offices in EMEA and APAC. **Learn more at [www.arxan.com](http://www.arxan.com).**

[1] "Fracking" is the process of using high-pressure liquid to shatter the rock in a natural gas deposit to ease extraction and maximize the amount of gas that is extracted.