

SUCCESS STORY

Data visualisation platform saves an estimated \$100 million over 4 years



How an oil services company slashed costs and accelerated its ESG strategy



A strategic IoT platform built
from scratch in 8 weeks



Permanent savings of
around 20% turnover



Millions of gallons of diesel
save and ESG rating
improve

THE CHALLENGE

Build a digital view of the business

- An oil services company based in Texas asked GFT to help it realise the transformational potential of digital technologies and data to shrink its carbon footprint, reduce costs and become a data-driven business.
- GFT saw an immediate opportunity to implement a predictive maintenance programme to avoid unscheduled maintenance and equipment outages. This required a visualisation platform for IoT data and equipment monitoring.

THE ENGAGEMENT

Data as a strategic asset

- A hybrid GFT team of ten working onsite and nearshore quickly built a minimum viable product. The team also identified data gaps, business risks and other digital transformation opportunities.
- Using real-time IoT data from a range of sources the new platform quickly detected equipment fault patterns. By moving to predictive maintenance, the company saved around 20% of turnover within eight weeks. The next task was to move to greener production by running trucks on natural gas rather than diesel. Using its new digital platform, the company could collate all the necessary safety and compliance data to run its trucks on natural gas, saving millions of gallons of diesel to date.

THE BENEFIT

A data-driven oil business

- With its new IoT data platform this is an oil company fit for the digital age. New use cases are emerging continually, and the technology has been deployed as an enterprise solution integrated with most business processes. Total savings to date about \$100 million with many more in the pipeline.
- The new data operating platform was delivered as a textbook example of GFT's Agile methods and illustrates the importance of data in all industries. GFT remains the company's strategic technical partner with 34 FTEs.