



Revamping platforms in T&T

Implementing new technology in Trinidad & Tobago.

THE CONTEXT.

Painting the picture.

We find ourselves amidst the blue waters of Trinidad and Tobago, home to one of the world's oldest upstream offshore operations. Here, our client manages a network of shallow water platforms. While the reservoir is quite mature and the infrastructure of the assets shows signs of age, these wells are still high-producing. Thus, keeping a good eye on them is important.

Challenges faced.

Lacking wellhead instrumentation on a significant percentage of their platforms, made it harder for our client to keep up to speed with modern standards and secure their integrity monitoring. Among their assets, five large platforms boasted connectivity. Yet, other dozens of satellite platforms remained unconnected and were visited *irregularly* by boat.

DRIVERS FOR CHANGE.

Keep it green.

Our client wanted to timely detect and prevent pressure buildups that could risk environmental damage. Also, reduce the frequency of manual monitoring rounds to cut down on their carbon footprint.

Safety first.

With telemetry to send data remotely from the wells, the operator looked toward minimizing the safety risks of sending workers offshore and having unforeseen emergencies at a platform.

Play by the rules.

By connecting previously unmonitored platforms, data visibility is enhanced. This helps ensure compliance with industry regulations, and bolsters informed decision-making.



THE BOTTOM LINE.

With wireless pressure monitoring, our client no longer depended on manual rounds to know what was happening at the well.

They gained the ability to anticipate issues before they escalated, streamlined their response and resource allocation, and modernized their infrastructure with innovative technology.