



**James Fisher**  
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# **Decommissioning Reimagined – Unlocking Safer, Smarter Transitions in the Americas**

## Executive Summary

As the energy sector in the Americas faces a growing wave of offshore decommissioning projects, operators are under pressure to reduce risk, control costs, and maintain compliance—all while managing aging infrastructure and constrained resources. James Fisher Asset Information Services is redefining what's possible with R2S, a digital twin platform that transforms how teams plan, collaborate, and execute decommissioning projects.

This whitepaper explores how R2S is helping operators across the Americas achieve faster turnarounds, reduce POB (Persons on Board), and enhance regulatory engagement, all while improving safety and sustainability.

## The Decommissioning Challenge in the Americas

Decommissioning offshore assets is a complex, high-stakes task where operators face:

- Escalating logistics costs due to remote locations and helicopter dependency.
- Limited POB capacity, especially on aging or unmanned assets.
- Regulatory scrutiny requiring detailed, auditable planning.
- Pressure to reduce environmental impact and carbon footprint.

Traditional methods—reliant on physical site visits and siloed data—are no longer sufficient.

## R2S: A Digital Lever for Operational Synergy

R2S acts as a force multiplier, enabling teams to work smarter, not harder. By creating a high-fidelity, navigable digital workspace of offshore assets, R2S allows stakeholders to:

- Remotely inspect and plan decommissioning activities.
- Collaborate across geographies in real time.
- Reduce helicopter trips, improving safety and cutting emissions.
- Streamline contractor bidding with shared visual data.
- Accelerate regulatory approvals with transparent, visual documentation.

R2S is more than a tool—it's a modern lever that amplifies human potential.



## Case Study Highlights

**604**

offshore  
person-days  
saved

**25%**

turnaround  
reduction

**\$10M**

cost savings

## Nova Scotia: Reducing Risk and Cost for a Global Operator

An international oil major faced mounting costs and logistical challenges during decommissioning. By deploying R2S:

- Helicopter trips were significantly reduced.
- Bidding was streamlined with enhanced accuracy and cutting review cycles.
- Regulatory queries were resolved faster with visual evidence.

## Reducing POB and TAR Duration

In another offshore campaign, R2S removed 604 offshore person-days, reduced the turnaround duration by 25% and helped deliver \$10M in cost savings. This not only improved safety and efficiency but also allowed for better resource allocation during late-life asset operations—critical in decommissioning scenarios.

## Navigating Decommissioning with Confidence

Decommissioning is a journey—and in the Americas, it's one marked by logistical, regulatory, and operational complexity. R2S gives operators the confidence to navigate this journey with clarity and control.

By enabling remote access, visual planning, and real-time collaboration, R2S helps teams:

- Reduce offshore exposure by minimizing the need for physical site visits
- Improve planning accuracy through high-fidelity digital twins
- Align stakeholders early with shared visual context
- Deliver safer, smarter outcomes across the decommissioning lifecycle

Whether managing aging infrastructure in Nova Scotia or preparing for asset retirement in the Gulf, R2S empowers operators to move forward with certainty.

Decommissioning doesn't have to be reactive, risky, or resource-intensive.

**It's time to reimagine decommissioning as an opportunity for innovation, sustainability, and operational excellence.**

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