

# How to move past excel for optimized offshore resource planning



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# 1. Introduction: The industry's untold truth

It's no secret that the oil and gas industry is a complex and high-stakes business. The industry's reliance on a tool that was never meant to manage such complexity, however, is an untold truth that's holding many offshore organizations back.

After years of working with execs of this industry, we've consistently seen tools like Excel being used as a catch-all solution for resource management.

But what if we told you that using spreadsheet tools is not only insufficient for the task but can actually hinder your business's efficiency and profitability?

In this whitepaper, we'll dive into the five key reasons why we think Excel is not suitable for resource planning in the oil and gas industry, and offer options on how to move forward.



Leen de Graaf  
CEO Cuurios

*With our software you can consistently reduce operational costs and do more with less resources!*

## 2. Offshore planning starts with visibility

In offshore operations, even small planning errors, like double bookings or unavailable vessels, can cause major delays, extra costs and even safety risks. Imagine a technician being scheduled at two sites at the same time. That is why real-time visibility into your resources is essential.

Double bookings, overbookings, and planning gaps are symptoms of outdated or fragmented planning systems. The solution starts with clarity. Modern planning tools solve this by integrating with your existing systems, giving you a clear view of who is where and what's possible. With up-to-date insights, you prevent conflicts and make smarter, faster decisions.



### 3. Time-consuming manual processes

This is a big one. Despite the automation capabilities of Excel, it often still requires manual data entry and manipulation, leading to an increased risk of human error. In a high-stakes industry like oil and gas, these errors can become extremely costly.

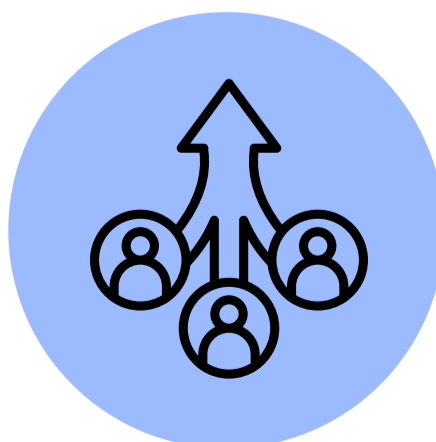
#### The solution:

Embrace automation by implementing tools and software designed to streamline and automate data entry, analysis, and reporting processes. This not only reduces the risk of human error but also improves cross-departmental alignment and provides an integrated view of planning and performance, allowing your team to focus on more strategic tasks.

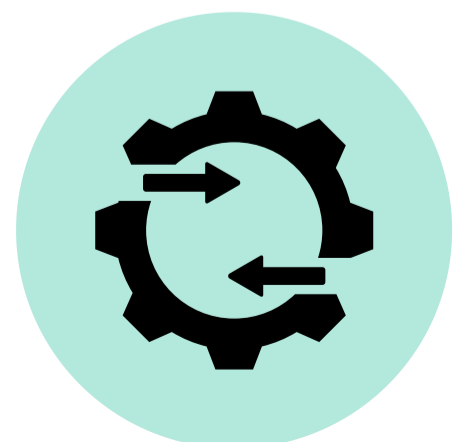
**Reduce human error**



**Improve cross departmental alignment**



**Get an integrated view**



## 4. Lack of scalability and adaptability

The oil and gas industry involves a staggering amount of data. As projects grow, so do the number of variables, stakeholders, and workflows. Excel simply wasn't designed to handle this level of complexity. As the number of sheets and formulas increase, so does the risk of errors, which can lead to costly mistakes.

### The solution?

Adopt a dedicated resource planning software that is specifically designed for the oil and gas industry. Such tools offer better scalability, adaptability, and the ability to handle complex data structures with ease.

Yes, I know, making the switch from Excel can be scary after all, it has been working for the last 15 years. You might be a high-performing, gold medal athlete in spreadsheets, but junior members of your operations might not. And this is likely to be the trend with young people entering the workforce. When these team members start collaborating on projects, you want to make sure they are using a tool they are confident in.

## 5. Inefficient collaboration

In an industry where teamwork and communication are vital, limitations in real-time collaboration can be a significant hindrance. Sharing files and waiting for updates from colleagues not only slows down the decision-making process but can also lead to version control issues and data inconsistencies. One unregistered misclick by one worker can bring a world of headaches for countless others somewhere down the line.

Moreover, some data is simply not vital for all team members to have. Opening a huge spreadsheet of data every day and attempting to find a relevant datapoint that prompts you to action, is just not the best way to start your shift.

### The solution is easy

Utilize cloud-based collaboration tools that enable real-time updates, version control, and data consistency. These platforms make it easier for teams to work together, regardless of their location, and ensure everyone is working with the most up-to-date information.

## 6. Lack of data integrity and security

Tools that are not designed specifically for resource planning lack the robust security features that the oil and gas industry requires, leaving sensitive data vulnerable to unauthorized access and modification. In addition, your spreadsheet files can easily become corrupted, putting your critical data at risk.

Implement a proper data management system. It provides secure access control, encryption, and robust backup and recovery options, ensuring your data is protected and available when you need it.



## 7. About Us

Cuurios helps offshore organizations digitize their planning, streamline workflows, and future-proof their business. Our smart workflow solutions ensure every step in the process is executed with the right decisions by the right people, securing both operational consistency and user-level permissions.

With deep expertise in offshore industries and technology, we guide teams through secure, intelligent transformation.

🌐 Website: [www.cuurios.com](http://www.cuurios.com)

✉ Email: [hi@cuurios.com](mailto:hi@cuurios.com)

☎ Phone: + 31 85 060 84 00

