



# R2S<sup>®</sup>

## helps rebuild a fire-damaged asset

### Challenge

- Following a fire onboard a large offshore platform in the North Sea, the oil and gas major implemented a reinstatement plan to repair the damaged asset and equipment.
- As a result of the fire, multiple wells went offline which significantly impacted regional production and revenue generation.
- Many external contractors helping with the repair plan had differing requirements from the asset documentation and information so needed a system for all data to be contained within one accessible and remote platform.

### Solution

- James Fisher Asset Information Services (AIS) was approached as an emergency response measure and provided next generation R2S digital twin software which included an asset survey, strategic planning and communications tool.
- R2S provided the oil and gas major with an effective planning tool to minimise the cost of repair by creating a like-for-like digital copy of the damaged asset, allowing teams to remotely assess the repair work required.
- With critical time, financial, safety and environmental pressures, R2S would enable all teams to have remote access to the information and documentation they required regarding the offshore platform.

### Results

- The R2S-centred planning resulted in the early completion of the significant repair works and reduced travel to the asset, saving time and money.
- All risk mitigation planning was undertaken onshore using R2S asset visualisation capabilities, ensuring zero harm to personnel offshore during project delivery.
- All contractors were able to efficiently access the information required to carry out the repairs, enhancing collaboration.
- Following the success of using R2S, the oil and gas major went on to implement the technology across all UK-operated assets.