

# TRANSFORMING INSPECTION



Arup and EnerMech have formed a collaboration to deliver enhanced inspection through EnerMech's specialist inspection and integrity team, MInteg. The application of Arup's proven digital capability and MInteg's practical and technical knowledge delivers a step-change improvement in asset integrity inspection services.

## Transforming inspections – reducing risk and costs

Improving quality; reducing risk and costs. Combining real experience and expertise with virtual reality and artificial intelligence, AIM is an industry-leading inspection enactment tool that enhances MInteg's inspection service. Through the use of remote visual inspection tools and real time reporting in an online environment akin to the world of gaming, AIM can reduce the time needed to capture and record inspection data by up to 30%.

Delivering analytics in a more succinct and real time way means data can be interpreted and analysed at the time of inspection.

Consequently, asset owners and duty holders are able to understand the status of their equipment more accurately and quickly than using a more traditional approach.

AIM transforms the inspection process for onshore and offshore assets, replacing a manual and outdated method with something much more valuable.

## Key Benefits

Risk reduction through less time at site and reduced time working at height

Cost savings of up to 30% using multi-skilled workforce

Remote visual inspection eliminating the need for repeat site visits

Repeatability with the virtual reality environment being updated year-on-year

Secure and cloud based with data available anytime and anywhere

### 95%

reduction in permitting requirements associated with underdeck inspections

### 15%

of time saved that would have been required for permitting

### 50%

reduction in time to complete inspection in a number of cases

### 25%

reduction in reporting time

### 30%

reduction in team size

### 100%

reduction in standby boat requirements

Up to  
**30%**

Reduction in the time taken to capture and record inspection data