

THE INSPECTION REVOLUTION: USING DATA TO ENHANCE ASSETS



Arup and EnerMech have joined forces to deliver enhanced inspection through EnerMech's specialist inspection and integrity team, MInteg. The application of Arup's proven digital capability with MInteg's practical and technical knowledge provides a game changing solution in the asset integrity space, allowing MInteg to overhaul the inspection process.

INSPECTION EFFICIENCY

The revolutionary inspection enactment tool AIM enhances our inspection service through the use of remote visual inspection tools and real time reporting in a gaming environment. This reduces the time needed to capture and record inspection data by up to 30%. In turn this allows asset owners to understand the status of their equipment and get to the right answer far quicker than the traditional approach. By understanding this data in a more succinct and real time way Opex can be reduced, reliability increased, and data can be fully understood at the time of inspection.

BENEFITS INCLUDE:

RISK REDUCTION

Less time at site and reduced time working at height

COST SAVINGS

Up to 30% cost savings with multi-skilled workforce

REMOTE VISUAL INSPECTION

Repeat site surveys eliminated

REPEATABLE

VR environment can be updated year-on-year

DATA AT YOUR FINGERTIPS

Real time data, anytime, anywhere

INSPECTION ENHANCED BY VIRTUAL REALITY AND ARTIFICIAL INTELLIGENCE

TRANSFORMING INSPECTIONS – REDUCING RISK AND COSTS

↓ 95%

REDUCTION IN PERMITTING
REQUIREMENTS ASSOCIATED
WITH UNDERDECK
INSPECTIONS

🕒 15%

OF TIME SAVED
THAT WOULD HAVE
BEEN REQUIRED FOR
PERMITTING

⚓ 100%

REDUCTION IN STANDBY
BOAT REQUIREMENTS

📄 25%

REDUCTION IN
REPORTING TIME

👥 30%

REDUCTION IN TEAM
SIZE REQUIRED

🔍 50%

REDUCTION IN TIME TO
COMPLETE INSPECTION IN
A NUMBER OF CASES

Arup and EnerMech are working together to redefine and revolutionise the industry inspection process by bringing together a broad understanding from across the market to help oil and gas operators run assets efficiently. AIM revolutionises the inspection process for onshore and offshore oil and gas assets, replacing a manual and outdated method with something much more valuable.

CONTACT US TO FIND OUT HOW THE TOOL CAN REDUCE RISKS AND COSTS FOR YOUR ASSET:

Europe – *Patrick Gallagher*
patrick.gallagher@minteg.co.uk

Australia – *Michael Munro*
michael.munro@minteg.com.au

Americas – *Bryan Horton*
bryan.horton@arup.com

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www.minteg.co.uk

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