



Your data, our value: Digital environment for industrial O&M

Vidya employs a technology stack containing 3D, reality capture data, **artificial intelligence, digital twin, dataops**, systems and sensors integration, analytics, and simulation, easily configured in a platform. It is flexible enough to deliver a transversal digital tool for the main industrial applications, generating results in a few days. The system can generate value using the available data in a quick and scalable way, where customers can **virtualize and accelerate their job**, increasing **safety** and **efficiency**, while **reducing risks**.



our company
is trusted by:



Fabric Maintenance Successful Customer Case

Challenges

- Many people on board for inspection and maintenance and high risk of accidents
- Integrity data diffused in many systems and reports
- Unplanned shutdowns and high rates of rework, which increased the operation expenses
- \$2,000,000 in coating/year

Results

\$965,000 savings/year
(POB - Rework - Man/Hour Planning)

- 94%** fewer people on board
- 80%** less rope access inspection
- 254%** more corrosion anomalies were detected than the usual approach

Operational Safety Successful Customer Case



Challenges

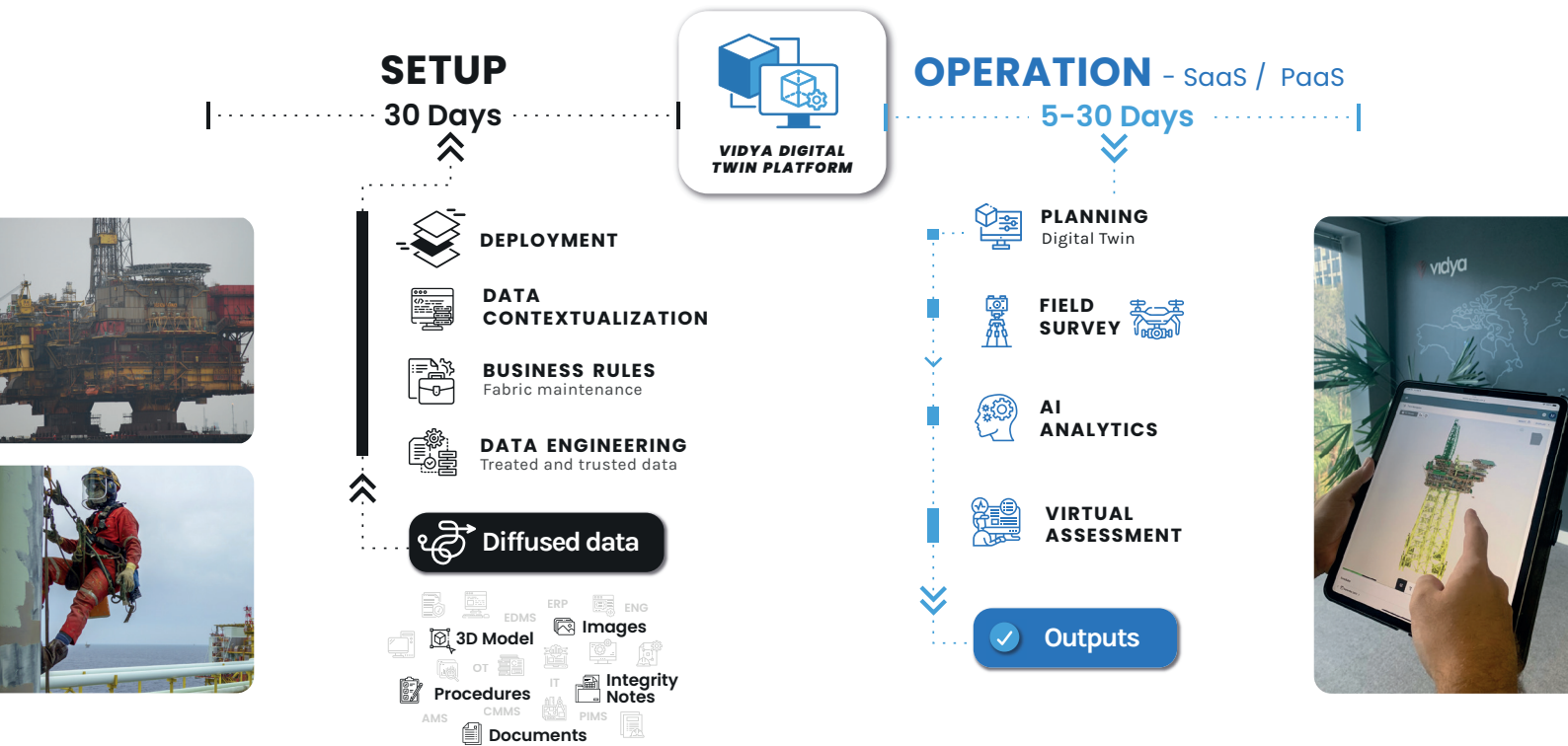
- Extensive manual effort to analyze multiple safety engineering reports, HAZOP, PRA, etc.
- POB (People on Board) limitation
- Complex and time consuming risk evaluation, leading to prominent errors
- Diffused data into multiple non-integrated data sources

Results

\$460,000 savings/year
(POB - Time to reach data - Man/Hour Planning)

- Virtualization of intervention procedures and **Situational Awareness** of the process through visual simulations on Digital Twin
- Reduction of **recordable accident and incident** rate (TAR & TOR)
- Less time to **plan shutdown** procedures (PUPO & PURO)

From solution's setup to operation in up to 30 days



Multipurpose Dynamic Application

Add value to your data through an end-to-end platform developed to increase safety and efficiency while reducing operational and personnel risks and costs.

