



# Digital Structural Integrity application

By utilizing risk evaluation, prioritization, and degradation level acceptance, our solution leverages the power of Machine Vision technology to transform images into valuable structural integrity outputs. As a result, our solution **reduces downtime**, enhances HSE standards, and delivers **significant reductions in maintenance costs**.

OUR COMPANY IS TRUSTED BY:



## Benefits overview



**1,000,000 USD** savings avoiding downtime.



**42%** reduction on time and resources needed to plan maintenance actions.



Positive impact on the company's **HSE** (Health, Safety, Environment).



**Budget forecasting** based on the degradation level acceptance.

### THE EFFECTIVENESS OF DIGITAL STRUCTURAL INTEGRITY

**+ 100,000M<sup>2</sup>**  
INSPECTED

IN **5 DAYS**

WITH **2 PEOPLE**  
ON FIELD

DELIVERING  
OUTPUTS IN ONLY  
**30 DAYS.**

# How we fulfill the integrity assessment in just 30 days?



PLATFORM  
SETUP



1 day

REALITY  
CAPTURE



MACHINE  
VISION



POST  
PROCESSING



Integrity Notes  
Generation



CMMS

ERP

Maintenance plan  
and work orders

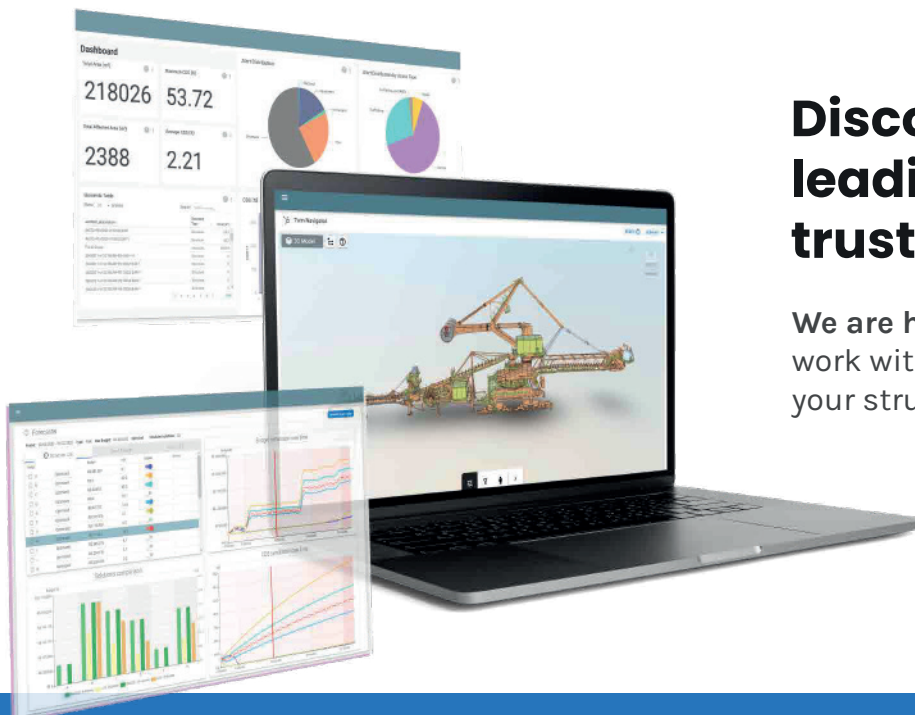
## Successful Customer Case

### Challenges

- Data diffused in multiple non-integrated data sources
- Lack of historical data or data on the degradation state of the assets
- Difficulty in identifying structures affected by corrosion.

### Results

- 📱 All the operation-relevant data centralized in one platform with mobile application
- 📍 Risk evaluation and prioritization of critical components on field inspections
- 👥 86% less people on field



## Discover why leading industries trust our expertise

We are here to help: contact us and we'll work with you to find the best solution for your structural integrity management.

