

ISPEZIONI A BASSA QUOTA DI OPERE IDRICHE, SORVEGLIANZA E CONTROLLO

Festival dell'acqua - Venezia 11.10.2019



To bring Enterprises in the new airspace economy

Consulting
Business & Technical

Operations
Service & Training

Technologies
Drones & Software





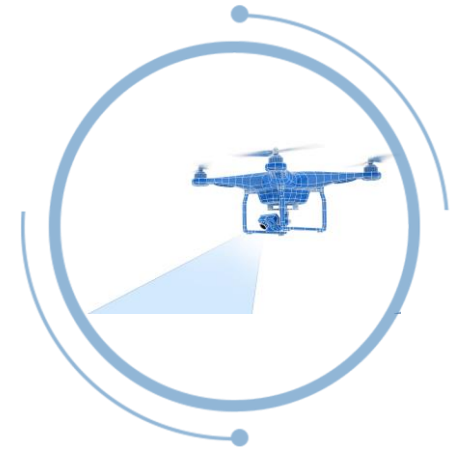
Consulting

Strategy
C-Level Training
Assessment
PoC & Starter Kit



Operations

Inspection Services
Mapping Services
Certified Training
Support



Technologies

Drones
Sw Platforms
Developments
API Integrations

We support Enterprises to grow business and operation performances index

ROI

Engineering, Operation & Maintenance

Susteneability

Green Index

Innovation Plan

Asset Digitalization

Brand

Value & Reputation



Overview

Our team in action



e-distribuzione

autostrade // *per l'italia*



enel x



#BVLOS #Enac #Enav

Italian UTM Contribution



Aiviewgroup ha supportato diverse operazioni BVLOS e esperimenti di volo autonomo, definendo così nuovi servizi e business model.



#BVLOS Solution Provider
for Energy, Transportation, Telco Providers, Public Agencies
Providing BVLOS feedback data for italian experimentation
Long range flights, Remote piloting, UAV UTM operations

The background of the slide is a photograph of a long, multi-lane concrete bridge or overpass. The bridge has a metal railing along its edge and is supported by several large concrete pillars. The sky is clear and blue, and the overall scene is brightly lit, suggesting a sunny day. The text is overlaid on this image.

+ 6000 ISPEZIONI

PONTI, DIGHE, CONDOTTE FORZATE, TRALICCI,
TUBATURE, SOTTOSTAZIONI, PANNELLI PV,
TELCO TOWERS, INDUSTRIAL PLANTS,
EOLICO,...

+ 1000 OPERAZIONI DI MAPPING

Infrastructures Inspection

Drones are a standard tool



Infrastructures Inspection - Emergency

Drones are a standard tool



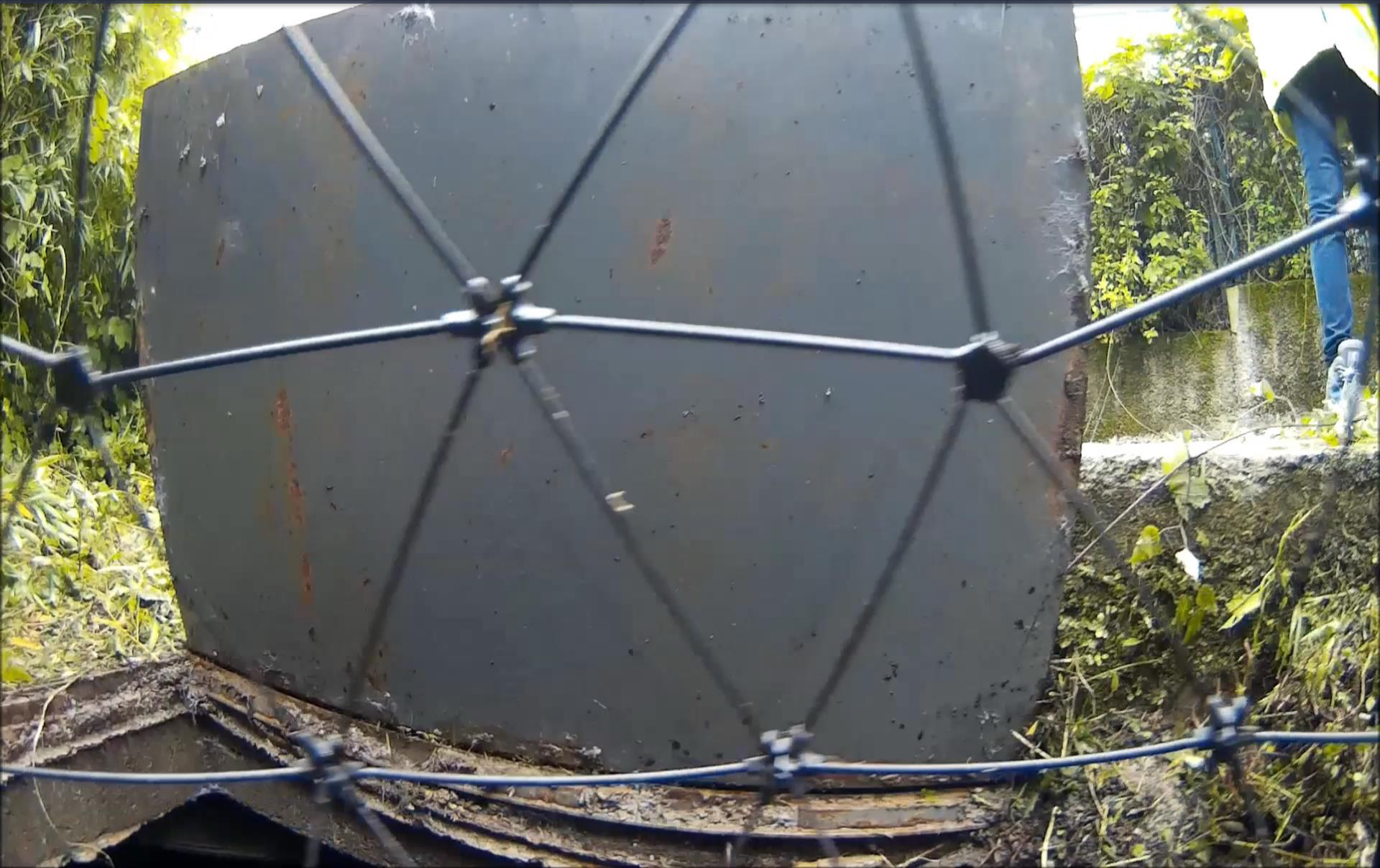
Inaccessibles places

Drones are an answer



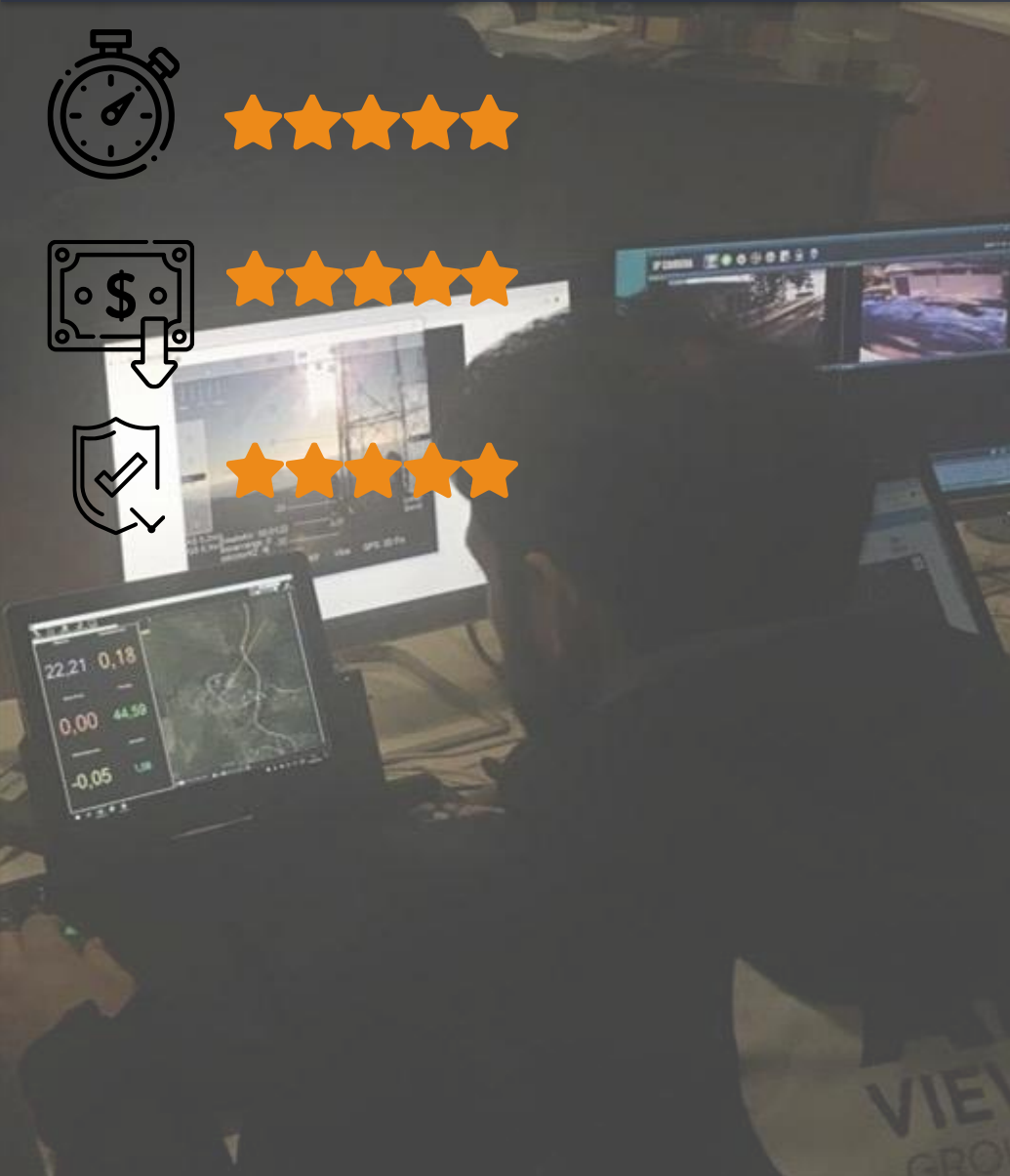
Unpredictables Inspections

Drones are an answer



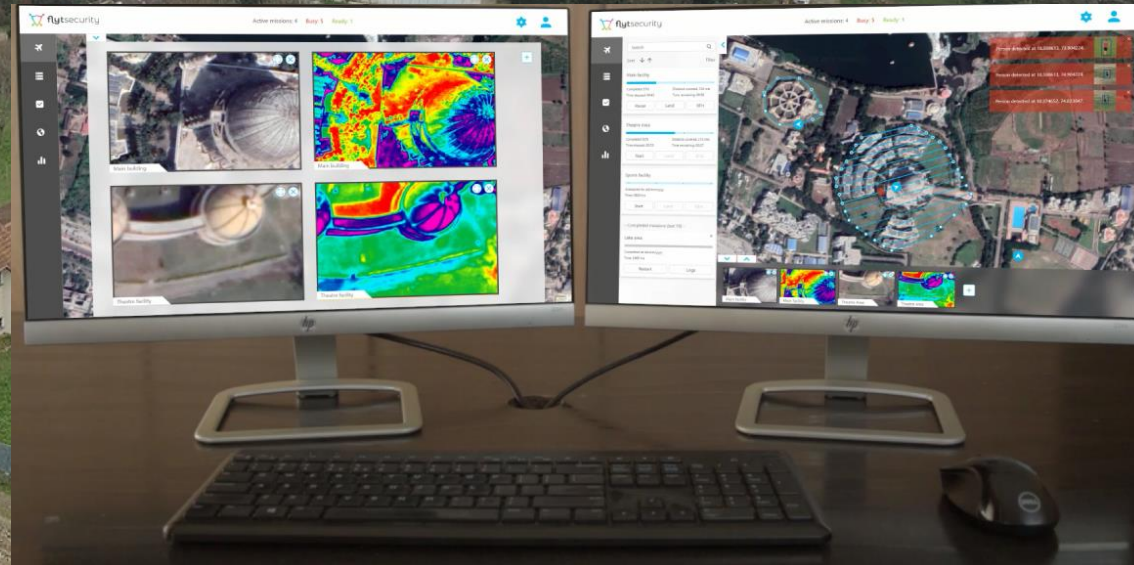
Remote Inspections

Drones are ready, rules soon



Security e surveillance

Drones and anti-drones



Confined Spaces Inspections

Drones are the new tool



Confined Spaces Inspections

Elios 2



DESIGNED FOR INDOOR

- Collision-resilient
- Shockproof payload
- Confined space accessibility
- Signal strength

INTUITIVE TO FLY

- GPS-free stabilization
- High definition live streaming
- Distance lock

BUILT FOR SUCCESS

- Easy maintenance
- Introductory training
- Support services

DATA QUALITY

- Obstruction free
- Close up inspection
- 4k Camera
- Thermal camera
- 180° tiltable camera pod
- 10K lumen adjustable lighting
- Dustproof lighting
- Oblique lighting

DATA PROCESSING

- Streamlined data management
- Close-up 3D model
- 2D measurement



Confined Spaces Inspections

Elios 2



Confined Spaces Inspections

Elios 2



INSPECTORS AREN'T PILOTS

EASE OF USE, SAFETY
AND RELIABILITY

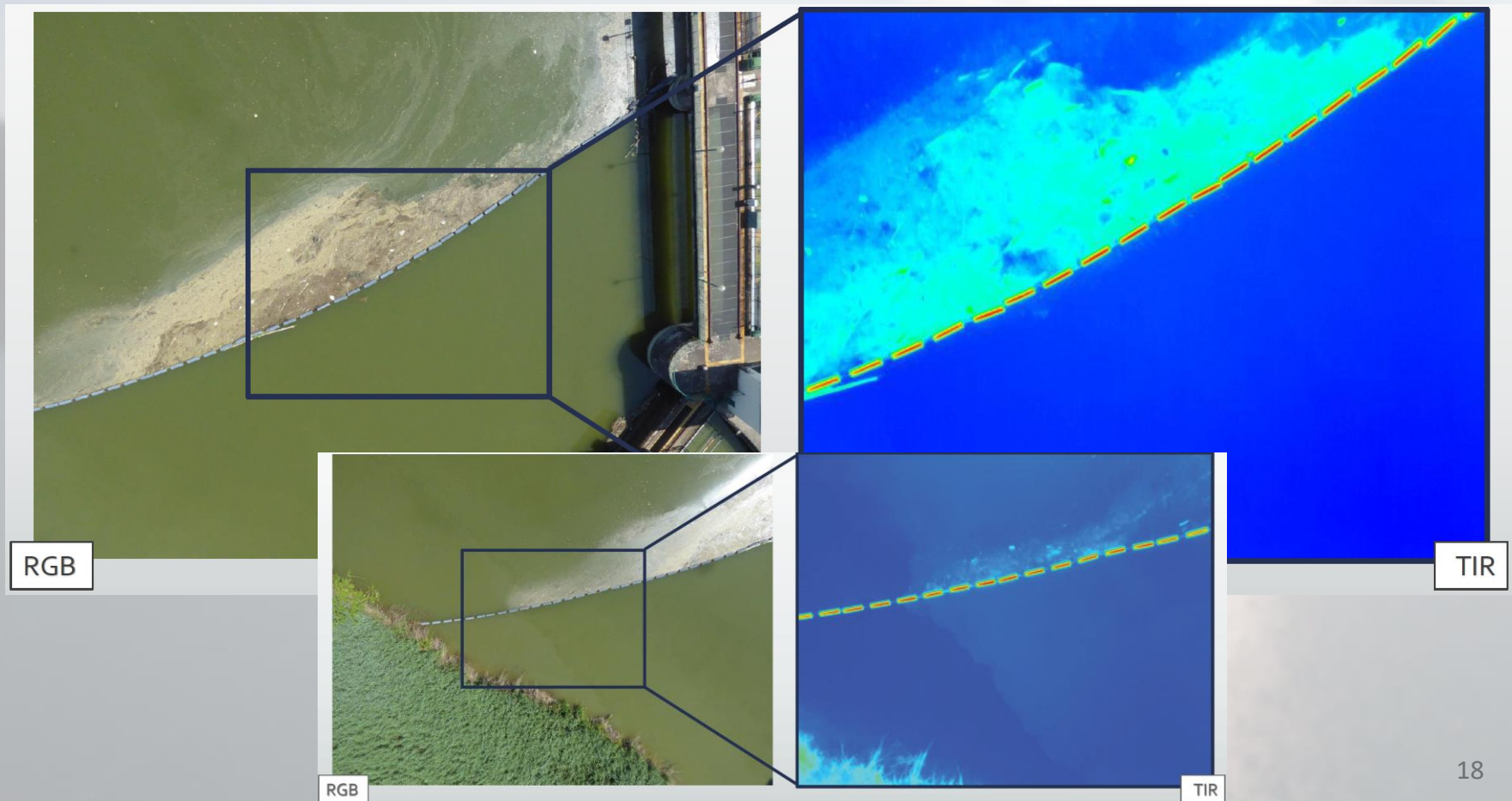


DATA IS EVERYTHING

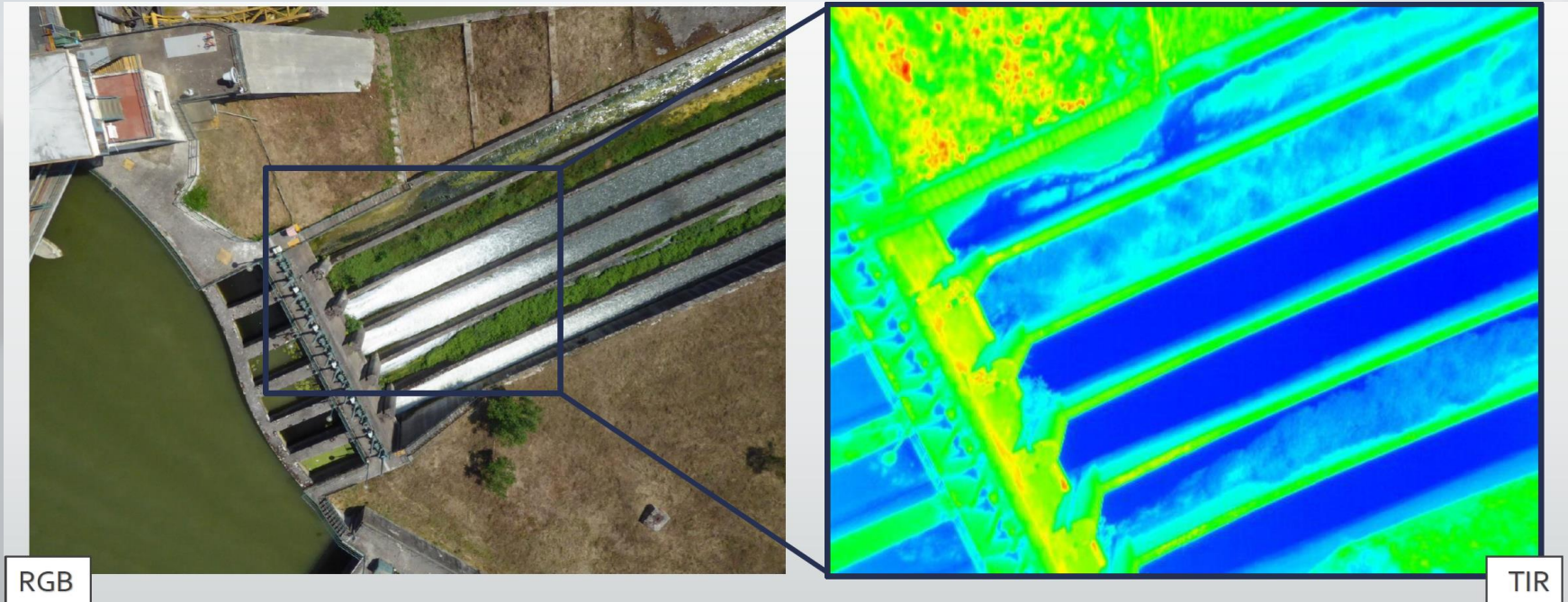
REPRODUCE THE QUALITY
FROM BEING AT ARM'S LENGTH



Torbidità differenziale delle acque e detriti



Mappatura della vegetazione nei canali di reflusso



Analisi difetti tramite UAV e sensore ad alta risoluzione



CASE STUDIES

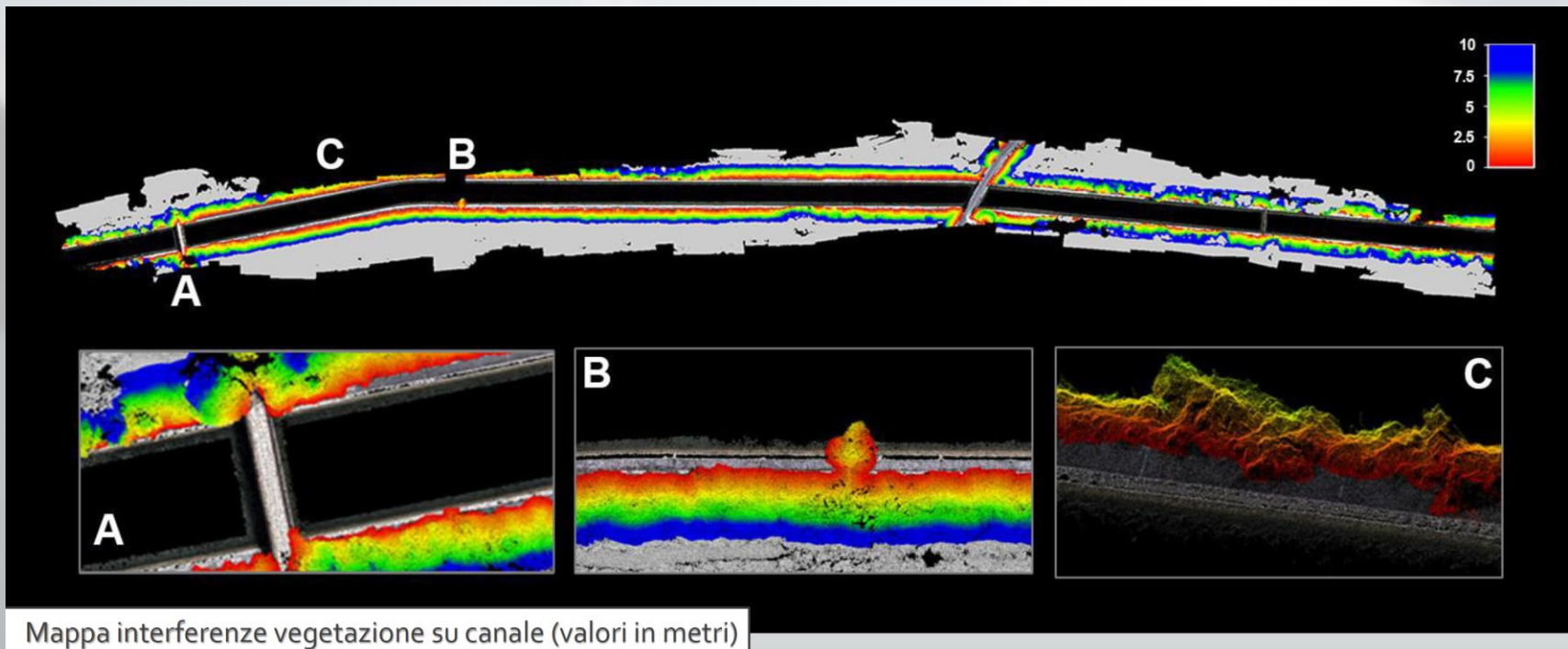
Dronitaly | Festival dell'acqua



Ispezioni spazi confinati

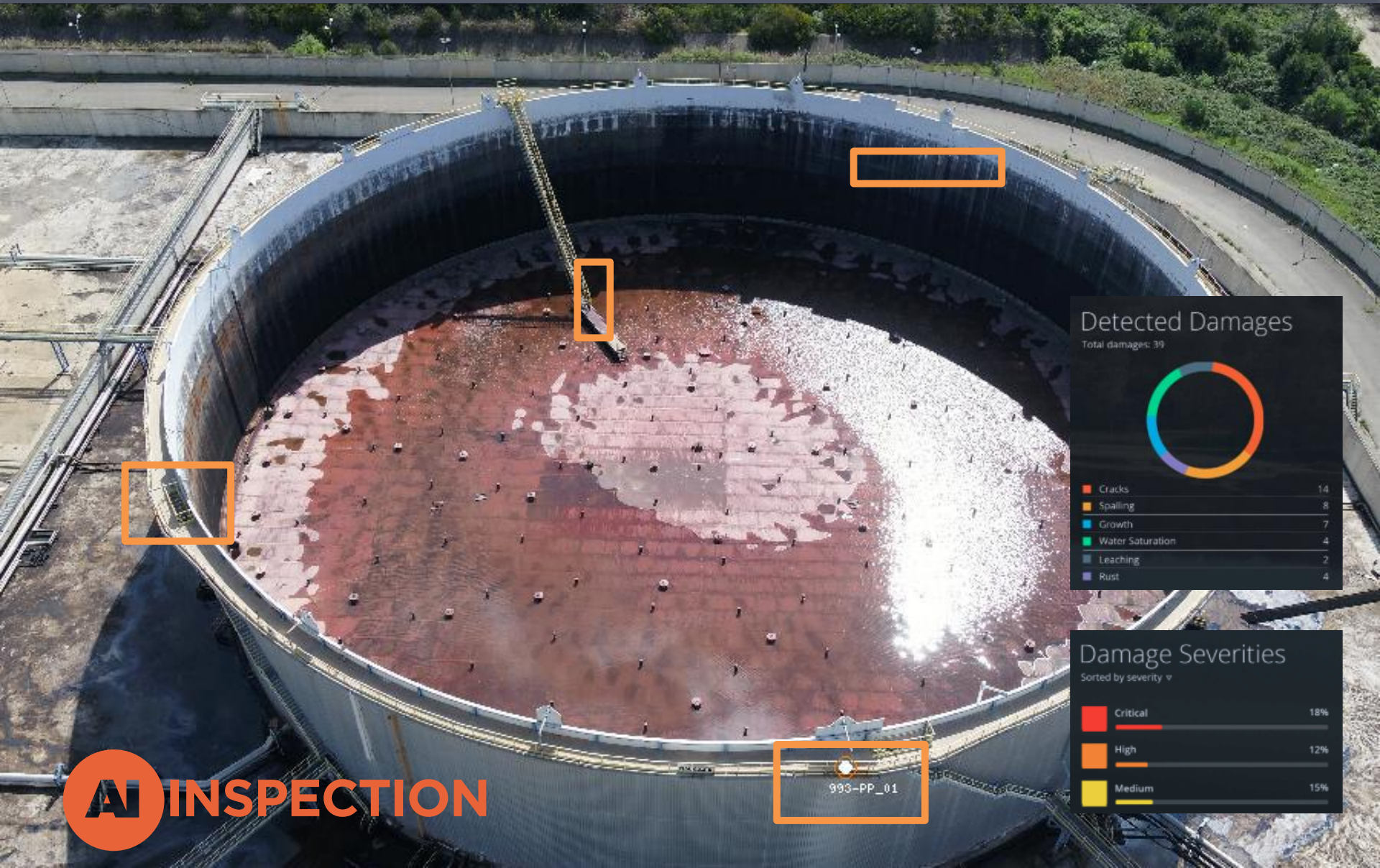


Interferenze vegetazione sul canale



Data Management

AI-INSPECTION



993-PP_01

Data Management

AI-INSPECTION



AI INSPECTION

MapFacilitiesDefect TaxonomiesMANAGE

enel_facility_manager

Language

0

Tools

Measurement

Clipping

Clip Task

NoneHighlightInsideOutside

Clip Method

Inside AnyInside All

Navigation

Camera Projection

PerspectiveOrthographic

Speed: 74.5

Scene

Classification filter

Appearance

[2019-05-16] - Tank

+65%

ROI

Engineering
Operation &
Maintenance



+24%

Indice
Sostenibilità

Riduzione
CO2



+90%

Safety

Riduzione
incidenti sul
lavoro



100%

Digital
Strategy

Parte
integrante nei
piani strategici



+28%

Brand
Value

Aumento del
valore
aziendale





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