

ThalesAlenia  
a Thales / Leonardo company Space



**DEEPER VISION**

YOUR DIGITAL COMPANION FOR IMAGE INTELLIGENCE

# UNPRECEDENTED NEEDS ON IMAGE PROCESSING

New generation optical satellites provide high resolution images representing the equivalent of **more than 100 000 screens per day**



Exploit every pixel of your images thanks to  
**Deeper Vision systematic & massive data processing**

# WHAT DO WE OFFER?



**Deeper Vision** performs **automatic feature detection**, allowing the operator to focus on tasks where human expertise is critical



**Deeper Vision** gives an excellent **user experience** introducing **full flexibility** to better answer your detection needs

- ✓ More efficient use of operator expertise
- ✓ More value extracted from images
- ✓ 100% of images are automatically processed

# SELF-TRAINED ARTIFICIAL INTELLIGENCE



Easily train your own detection models adapted to your business needs without needing to be an AI Expert. Then use your detection models to search for object



Generate or import training data for unlimited targets of interest, including those that are not included in traditional solutions



Train target detection models iteratively and monitor their performance evolution



Smart review of detection results

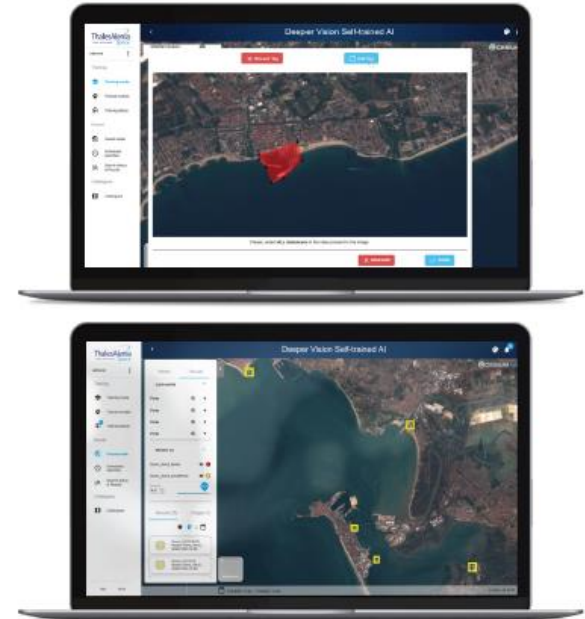


Schedule one-time or recurrent searches



Confidentiality guaranteed if sovereignty constraints not allowing to disclose targets of interest

Perfect fit for Service Providers, to quickly create custom models to be delivered to your clients



# CLOUD READY ARCHITECTURE

Deeper Vision's architecture allows it to be hosted both **on-premises** (private cloud) or **in a secured public cloud\***



## Elasticity

Based on micro-services, instances are dynamically deployed by an orchestration cluster providing optimal usage of the hardware.



## Reliability

Any application or service can fail without compromising the workflow.

# USER CENTRIC APPROACH

Tailor-made solutions to our customers



Benefit from Thales Design Center to co-create the perfect tailoring of Deeper Vision that fits best to your operator's needs.



UX designers



UI designers



Journey  
Map



Value  
Proposition



Business  
modelling





**THANK YOU  
FOR YOUR ATTENTION**