

FACTiven

Building a space we can all trust



Advancing Earth Observation Veracity

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Why verify EO products

EO scenes are open to **manipulation** and **misinformation**

- Geopolitical misinformation:
This can **influence strategic decisions** or **effect international opinions**
- Environmental manipulation, for example:
This has **direct effects on policies and markets**
- The future of EO will be shaped by our ability to **ensure authenticity, transparency and traceability**
- Technical solutions, governance frameworks and international cooperation are **key to building Trust**



Original high-resolution Satellite Imagery, source: OnGeo Intelligence



Satellite image modified by AI, source: Grok



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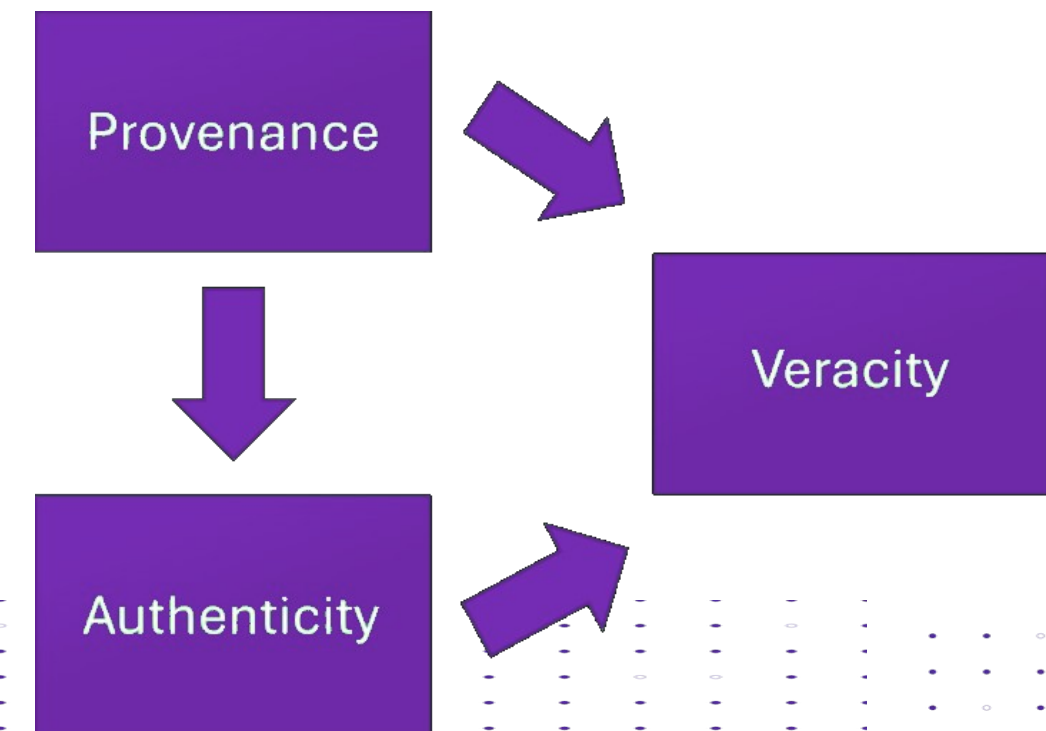
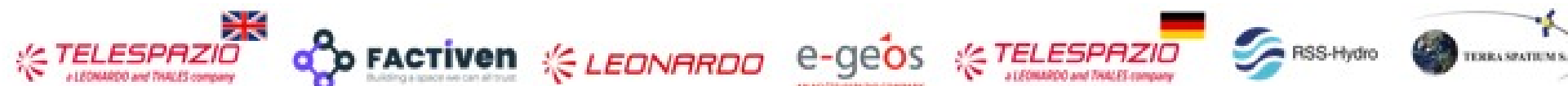


EO Veracity project

- EO Veracity is an ESA funded project, kicked off in September 2025
 - Investigating how EO data could be **interfered with**
 - How to **counter this interference**, and
 - How to **guarantee the veracity** of the information provided
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- **Elaborate a standard end-to-end methodology for the EO industry**



Project Team



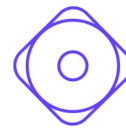


Standard end-to-end methodology for the EO industry



Comprehensive methodology:

- Address potential interference points
- Implement robust detection
- Implement counter-interference mechanisms

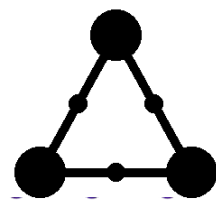


Goal :

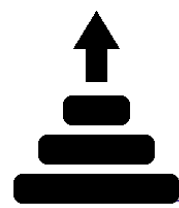
- Authenticity of the information
- Accuracy of the information
- Reliability of information
- Throughout its lifecycle, from creation to preservation
.... For EO products users & clients



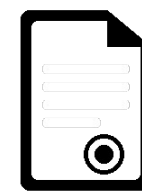
Pragmatic



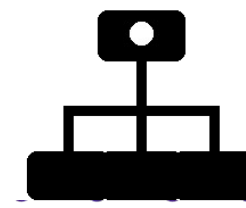
Interoperability



Scalability



Legal



Organizational

Where We Stand — and How You Can Contribute



Identify EO
chain elements



Characterize



Detection
measures



Counter
measures



E2E
methodology



Stay Connected



eoveracity.ssl.telespazio.com



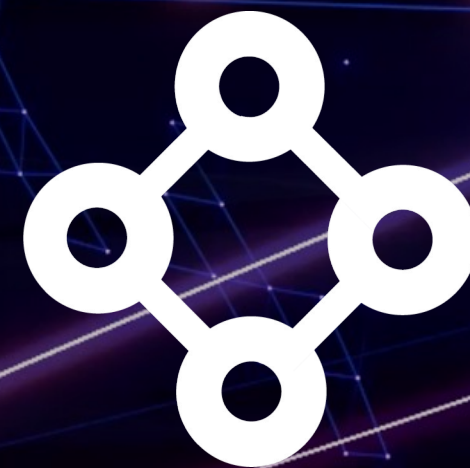
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Data security & traceability

Let's build together a space we
can all trust !

THANK YOU

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