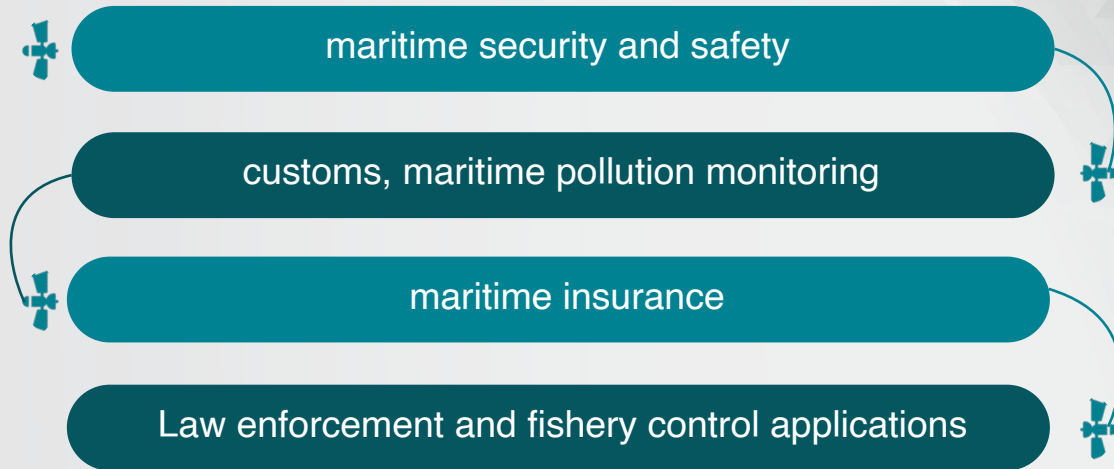




Vessel traffic monitoring combined with AIS

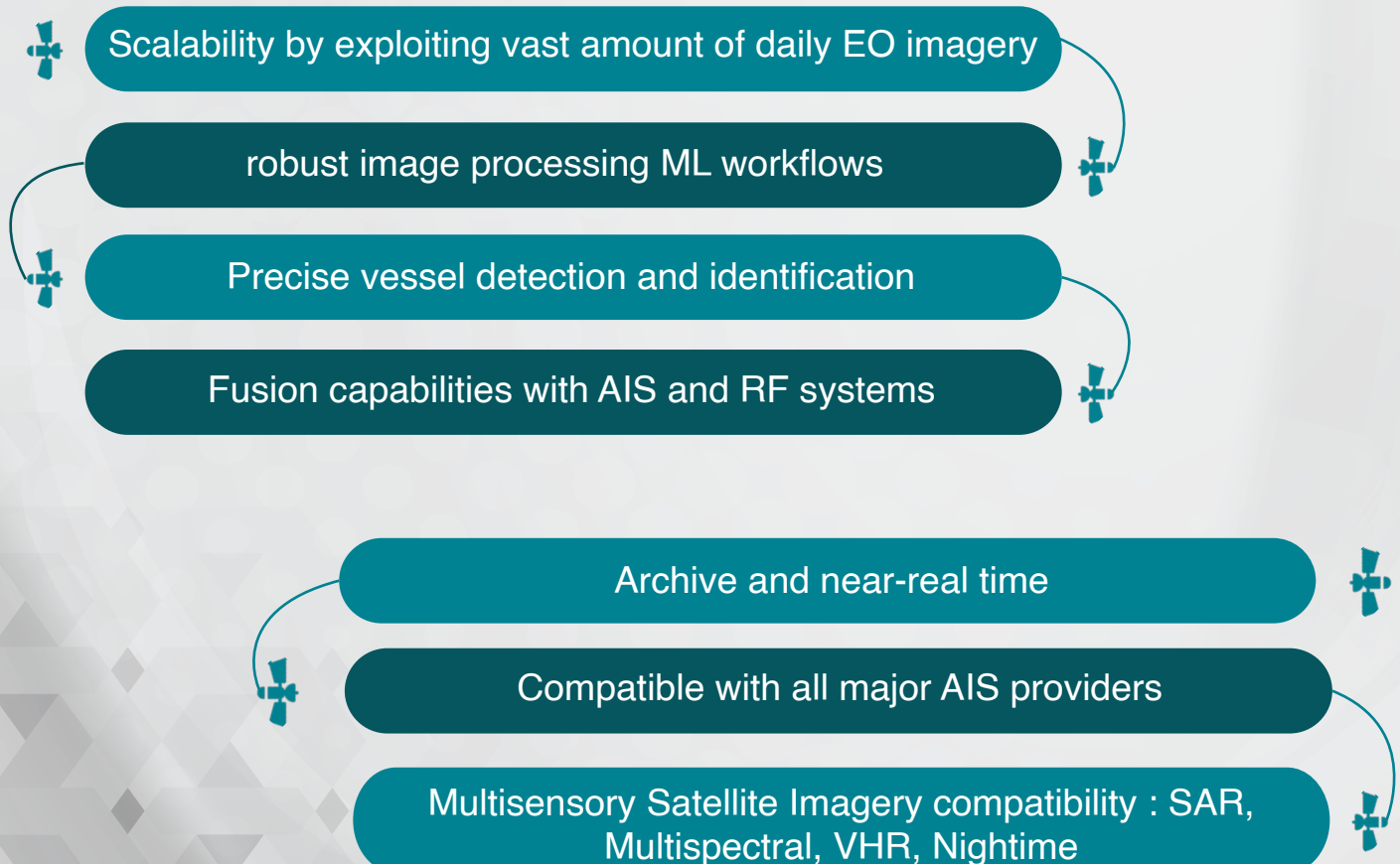


Vessel traffic monitoring combined with AIS: a highly scalable and interoperable system, ideal for:



“Dark vessel refers to non-reporting vessels or vessels that switch off their AIS or other reporting equipment to avoid detection and to hide illegal activities”

Vessel traffic monitoring combined with AIS offers:



- Timely results on Customised interface [alerting, coordinate provision, dashboard]
- Detection transformation to geojson format via CRS
- Multi-detection correlation for illegal activity tracking
- Terrain masking and cloud removal, Spectral combinations



- High TRL - up to 8
- Dockerized environment / flexible deployment anywhere
- Successfully + operationally tested with dozens API repositories

About us

Founded in Athens in 2009, GEOSYSTEMS HELLAS S.A. (GSH) is a Greek SME with a German minority shareholder, part of the GEOSYSTEMS EU GROUP. With 21 skilled engineers, GSH specializes in Photogrammetry, Remote Sensing, Geodesy, and Environmental Monitoring projects. They offer services as an authorized reseller of Hexagon Geospatial and Hexagon Airborne Solutions, engage in service projects including Smart Cities and IoT, and conduct R&D in land and crisis management. GSH holds NATO SECRET/SECRET clearance and ISO certifications (ISO 9001:2015, ISO 27001:2013, ISO 22301:2019 and ISO 14001:2015).

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