



GGS Newsletter N.1 – 10.09 2025



Meet us at Intergeo 2025 in Frankfurt

GGG will be at *Intergeo 2025* in Frankfurt, from **October 7–9**. Visit our booth to discover our latest innovations in image data acquisition. We will showcase new systems that push the boundaries of aerial mapping — offering more flexibility, precision, and efficiency for our customers worldwide.

Get your free ticket at info@ggs-solutions.eu to visit us in Hall: 12.0 / Booth F.101

INTERGEO®
OCT. 7–9 2025
FRANKFURT



OIS.MM Installed in India – April 2025

Earlier this year, GGS successfully installed an **OIS.MM Oblique Imaging System** on a helicopter in India.

- **Compact Design:** Built for *Meeker Mount* installation.
- **High-Resolution Cameras:** 150 MP nadir camera with 70 mm lens + four oblique cameras (100–120 MP each, 80 mm lenses).
- **Precision & Control:** Integrated **NovAtel GNSS-INS**, **iX Controller**, and **AeroTopoL Flight Management**.



This innovative setup enables reliable oblique data capture, even in challenging mountainous terrain, making it a versatile tool for modern aerial survey missions.



AI4Forest – Advancing Wildfire Detection

In 2025, GGS launched the **AI4Forest Project**, co-funded by the German BMWK and conducted with *Hochschule Zittau/Görlitz (HSZG)*.

- **Objective:** Early wildfire detection in mountainous areas.
- **GGG Role:** Development of a **two-axis smart gimbal** on a mobile mast with self-sufficient power supply, hosting sensors and AI-based control.
- **HSZG Role:** Creation of an **AI anomaly detection framework** using multispectral imagery (≥ 5 bands) and deep learning to reliably identify smoke and fire with minimal false alarms.
- This project aims to deliver an autonomous, low-maintenance system for protecting forests and communities from wildfire risks

