

DIGITAL TWIN ENRICHMENT

📍 Poland 📍 Greece

Key Challenges



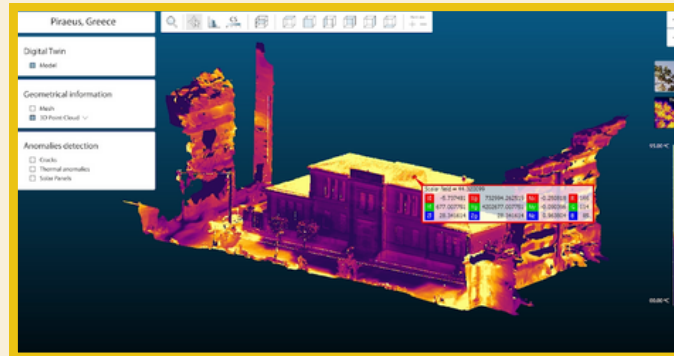
- Creating 3D models with thermal & RGB data
- Detecting building envelope damages
- Assessing solar panel performance
- Supporting data-driven maintenance & energy efficiency



Use & Applicability



- Assesses buildings, plans maintenance
- Identifies retrofitting priorities
- Supports sustainable projects
- Research energy efficiency & buildings diagnostics



Main features



- 3D Thermal & RGB Modeling via drone data
- AI damage detection for envelopes
- Solar panel performance analysis
- Actionable report for repairs & efficiency

Social impact



- Boosts building resilience & efficiency
- Reduces maintenance costs
- Sustainable practices
- Supports energy retrofitting & climate adaptation