

SERVICE 1

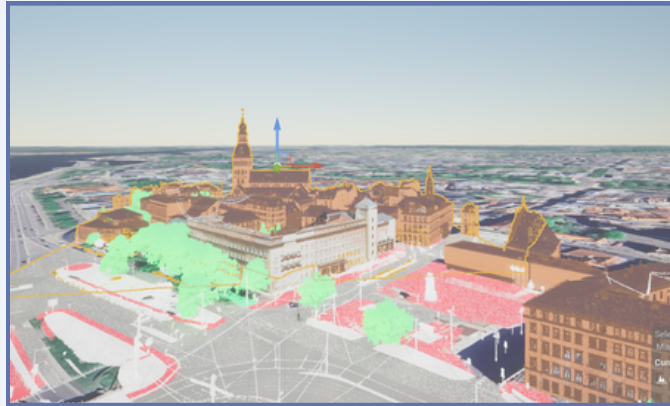
DIGITAL TWIN GENERATION

📍 Poland 📍 Latvia 📍 Greece 📍 Slovenia

Key Challenges



- Noisy & Incomplete Data
- Complex 3D model conversion
- BIM & GIS compatibility
- Real-time mixed reality
- Unified visualisation



Main features



- Smart detection of buildings elements
- 3D model creation
- Real-time Digital Twin updates
- Real-world positioning
- All-in-one viewer

Use & Applicability



- Architecture & construction
- Smart cities & urban planning
- Infrastructure maintenance & restoration
- Energy efficiency & sustainability



Social impact



- Supports sustainable urban development
- Enables smart construction
- Drives digitalisation
- Benefits professionals & communities