



webDPM - Drone

Internet application (SaaS) combining lidar, raster and vectorial geospatial data in a synchronous manner to support drone data acquisition.



Functionality:

Map module	Displaying raster and vectorial maps as WMS/WFS services, shapefiles or geoJSON in sync with lidar and inspection pictures, measures, sharing positions with another users
Gallery module	Displaying pictures from multiple sources (ground based, aerial flights, UAV acquired) correlated with their position on the map
Lidar module	Displaying multiple large pointclouds at once, performing measures, generating profiles and cross-sections, visualization of collisions to assets, close and dangerous objects etc.
Upload module	Enables to upload geospatial data, support for many file formats like GTiff, JPG, PNG, SHP, JSON, GeoJSON, LAS, LAZ, BIN, XLS, SPD, CSV and others
Search module	Fully customizable searching through vector data attributes

Platform spec:

Compatibility	Works on any modern web browser like Chrome, Firefox, Edge, Opera or any Chromium based browser
Availability	24/7/365 from any place in the world that has internet connection, fully customizable GUI, multi-monitor setup adjustment
Software/Hardware	Doesn't require additional software or heavy hardware to work
Data replication	Data is replicated to separate servers locations for fast recovery
Security	SSL, Azure Active Directory authorization, 2FA, physical firewall, servers based in the area of both UE and NATO

