



## webDPM

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



### Functionality:

<b>Map module</b>	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
<b>Gallery module</b>	Displaying pictures from multiple sources (ground based, aerial flights, UAV acquired) correlated with their position on the map
<b>Lidar module</b>	Displaying multiple large pointclouds at once, performing measures, generating profiles and cross-sections, visualization of collisions to assets, close and dangerous objects etc.
<b>Inspection module</b>	Performing visual inspections of the state of assets on geotagged pictures from multiple sources (either from ground and above ground), marking failures, generating reports
<b>Asset management module</b>	Enables aquisition, storing and displaying position, pictures and metadata of assets, fast identification in terrain using QR or barcodes, navigation, asset management
<b>Upload module</b>	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
<b>Search module</b>	Fully customizable searching through vector data attributes

### Platform spec:

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

