DPM 3D Inspection

Desktop GIS combine with multiple possibilites to display, visualize, perform analysis and symulations on multisensor data including lidar, maps, pictures and 3D data.

Functionality:

Data from multiple sensors	Combining synchronous displaying data from RGB, multispectral, thermovision and corona cameras, wide range of lidar scanners data, and multiple processed formats
Multiple file formats support	Support for JPG, RRD, JPG, PNG, LAS, LAZ, PLS, PL3, XYZ, CSV, XLS, XLSX, DXF, GeoJSON, SHP, XML, TIFF, ECW, MID, MIF, WPT, PDF, TXT, KML, PNT and many others
Asset management process support in multiple industries	Supports asset management and failure detection for Powerline, Gasline or Heat pipeline grids, Roads and Environment management, collisions detection, dangerous trees and other objects detection, vegetation analysis, 3D assets digitalization, grid symulations in different conditions, vegetation symulations, tree clipping management and many others
Reports	Automatic generation of multiple reports regarding assets state, failures, collisions detection, vegetation analysis etc. in multiple file formats and forms, combining multisensor data
Features	Thermovision measures, map measures, 3d lidar measures, powerline grid digitalization, powerline simulation in different weather conditions, powerline profiles and cross sections, 2D and 3D objects digitalization, special optimalization for files to work faster with DPM software
Modules	Map, Lidar, Picture inspection with backprojection, Georadar, Road inspection, 2D and 3D digitalization, Powerline profiles and cross-sections, Collision detection, Dangerous trees detection, Vegetation analysis

Platform spec:

OS	Windows XP, 7, 8, 10, x86 and x64 releases
Hardware	4GB RAM, Core2Duo/Athlon X2, 500MB HDD Space, 512 MB DDR5 GPU