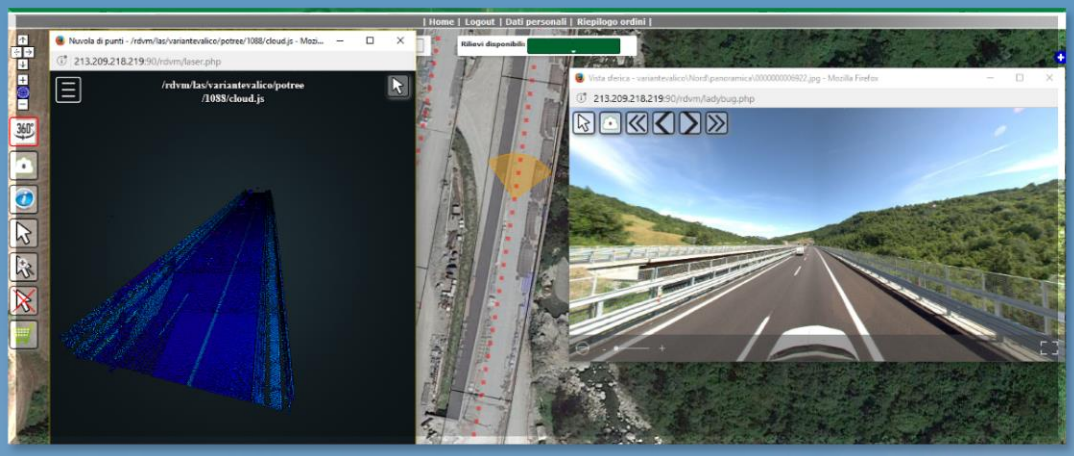
SITECO

presents

WEB-SURVEY



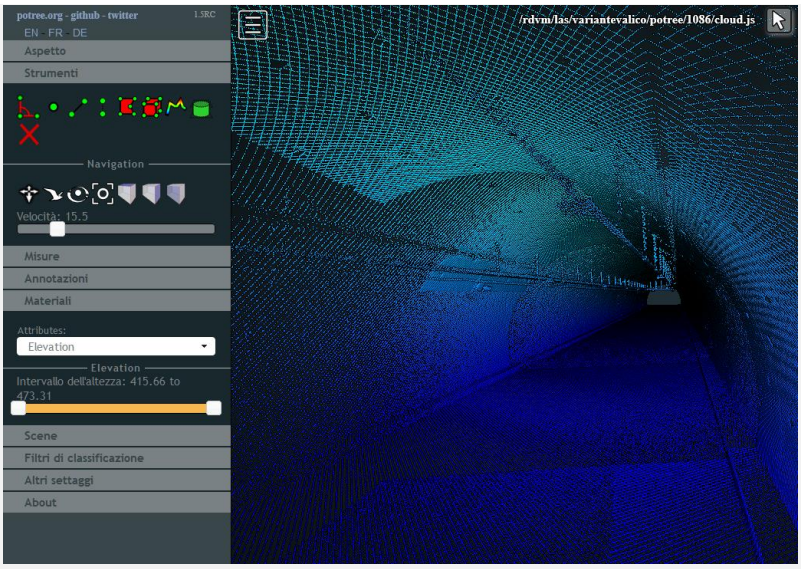
The new application to manage the Mobile Mapping System data through the web

WEB -SURVEY

WEB LASER MAPPING VIEWER

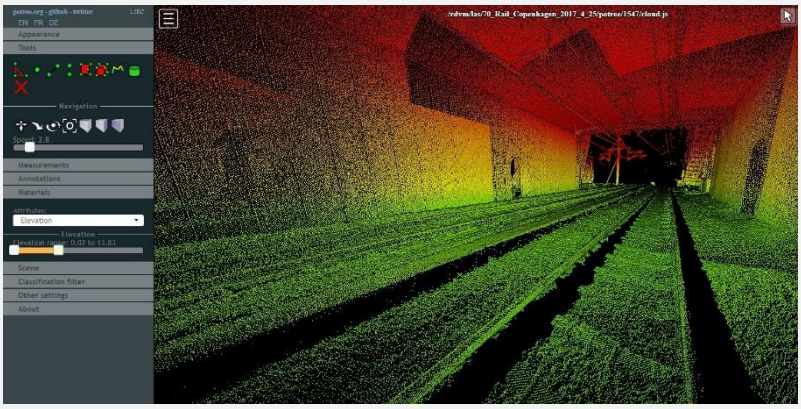
The Web Portal working in streaming mode

Siteco developed a new application to meet the needs of distributing and deploying the data surveyed with any Mobile Mapping System Riegl, Optech, Z&F, and so on) through the web.



A user-friendly Interface

The Web Survey allows users to select a specific zone of interest, view all the relating data in streaming mode, edit and download it.
More user profiles can be defined for the data download, with different access privileges, according to needs.

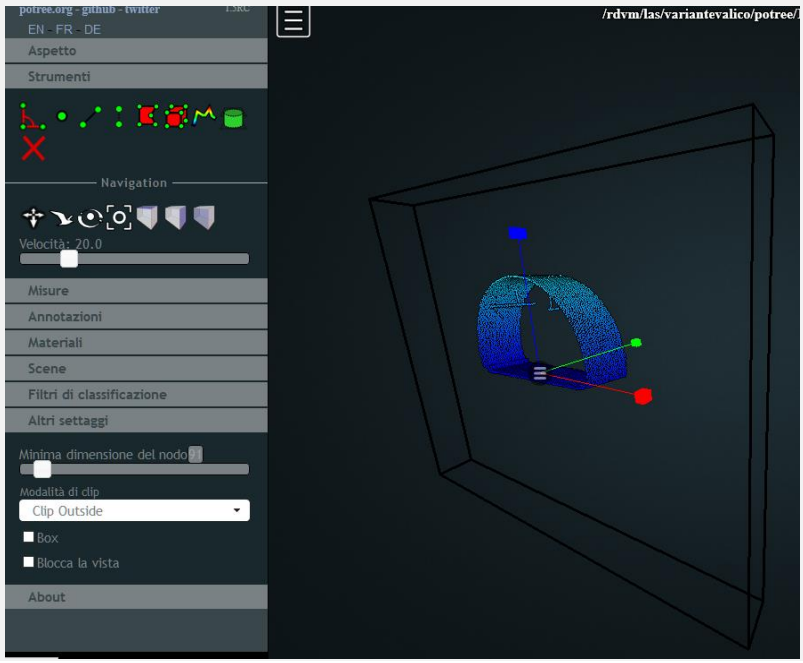


Database

Images and point clouds are stored in a well-organized and structured database. They can be consulted and viewed in their mapping context through a WEBGIS portal.

Technical Features

The management console has been developed in .net environment. Starting from the surveyed trajectories, spherical images and point clouds, (LAS/LAZ format files), it allows the organization of all the data and their publication on the Portal.



The main technical features of the application are the following:

- PHP and javascript language, based on open-source technologies
- Apache web server
- Cartographic component created with Openlayers Javascript libraries
- Display of point clouds via Potree Javascript libraries, and WebGL
- Display of spherical images using Photo Sphere Javascript libraries
- PostGis database
- Geoserver for WMS publishing layers available

ON THE ROAD to Innovation

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